

GenCore version 5.1.1.6
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M protein - protein search, using sw model

run on: March 8, 2004, 15:02:19 ; Search time 35.7101 Seconds
(without alignments)
161.918 Million cell updates/sec

title: US-09-724-530-2
perfect score: 587
sequence: 1 DVVVQTPLSLPVLGAQAS.....CSQTHVPTWFGGKLEIQ 112

scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

searched: 389414 seqs, 51625971 residues

total number of hits satisfying chosen parameters: 389414

inimum DB seq length: 0
aximum DB seq length: 2000000000

ost-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

atabase : Issued Patents AA.*
1: /cgn2_6/prodata/2/aa/5A COMB.pap.*
2: /cgn2_6/prodata/2/aa/5B COMB.pap.*
3: /cgn2_6/prodata/2/aa/5A COMB.pap.*
4: /cgn2_6/prodata/2/aa/5B COMB.pap.*
5: /cgn2_6/prodata/2/aa/PCTUS COMB.pap.*
6: /cgn2_6/prodata/2/aa/backfiles1.pap.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| result No. | Score | Query Match % | Length | ID | Description |
|------------|-------|---------------|--------|----|-------------------|
| 1 | 550 | 93.7 | 238 | 2 | US-08-224-591-12 |
| 2 | 550 | 93.7 | 238 | 2 | US-08-392-338A-21 |
| 3 | 550 | 93.7 | 238 | 2 | US-08-926-789-12 |
| 4 | 550 | 93.7 | 238 | 3 | US-09-166-750-21 |
| 5 | 550 | 93.7 | 238 | 3 | US-09-166-093-21 |
| 6 | 550 | 93.7 | 238 | 3 | US-09-172-019-21 |
| 7 | 550 | 93.7 | 238 | 3 | US-09-166-094-21 |
| 8 | 550 | 93.7 | 238 | 4 | US-09-443-213-21 |
| 9 | 550 | 93.7 | 239 | 5 | PCT-US93-11138-12 |
| 10 | 550 | 93.7 | 240 | 2 | US-08-392-338A-11 |
| 11 | 550 | 93.7 | 240 | 3 | US-09-166-750-11 |
| 12 | 550 | 93.7 | 240 | 3 | US-09-166-093-11 |
| 13 | 550 | 93.7 | 240 | 3 | US-09-172-019-11 |
| 14 | 550 | 93.7 | 240 | 3 | US-09-166-094-11 |
| 15 | 550 | 93.7 | 240 | 4 | US-09-443-213-11 |
| 16 | 550 | 93.7 | 250 | 2 | US-08-392-338A-15 |
| 17 | 550 | 93.7 | 250 | 3 | US-09-166-750-15 |
| 18 | 550 | 93.7 | 250 | 3 | US-09-166-093-15 |
| 19 | 550 | 93.7 | 250 | 3 | US-09-172-019-15 |
| 20 | 550 | 93.7 | 250 | 3 | US-09-166-094-15 |
| 21 | 550 | 93.7 | 250 | 4 | US-09-443-213-15 |
| 22 | 550 | 93.7 | 253 | 2 | US-08-392-338A-17 |
| 23 | 550 | 93.7 | 253 | 3 | US-09-166-750-17 |
| 24 | 550 | 93.7 | 253 | 3 | US-09-166-093-17 |
| 25 | 550 | 93.7 | 253 | 3 | US-09-172-019-17 |
| 26 | 550 | 93.7 | 253 | 3 | US-09-166-094-17 |
| 27 | 550 | 93.7 | 253 | 4 | US-09-443-213-17 |

RESULT 1
US-08-224-591-12
; Sequence 12, Application US/08224591
; Patent No. 5856456
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Filipula, David
; TITLE OF INVENTION: Linker For Linked Fusion Polypeptides
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/224,591
; FILING DATE: Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/002,845
; FILING DATE: 15-JAN-1993
; APPLICATION NUMBER: US 07/980,529
; FILING DATE: 20-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.1920002/JAG
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 238 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-224-591-12

ALIGNMENTS

Query Match 93.7%; Score 550; DB 2; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVQTPLSLPVLGAQASISCRSSQLVHNSNGTFHVLKPGQSPKLLITVSNRF 60

DB 1 DVVVTQTPSLPVSIGDQASISCRSSQSLVHSGNTFLRWYLPKPGQSPKLLIYKVSRRF 60
2Y 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIQ 112
DB 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIK 112

RESULT 2
US-08-392-338A-21
; Sequence 21, Application US/08392338A
; Patent No. 5869620
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Filpula, David
; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, NW
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/392,338A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/989,846
; FILING DATE: 20-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/796,936
; FILING DATE: 25-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.0030007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 238 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-392-338A-21

Query Match 93.7%; Score 550; DB 2; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.1e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQTPSLPVSIGDQASISCRSSQSLVHSGNTFLRWYLPKPGQSPKLLIYKVSRRF 60
DB 1 DVVVTQTPSLPVSIGDQASISCRSSQSLVHSGNTFLRWYLPKPGQSPKLLIYKVSRRF 60

2Y 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIQ 112
DB 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIK 112

RESULT 3
US-08-926-789-12
; Sequence 12, Application US/08926789

; Patent No. 5990275
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Filpula, David
; TITLE OF INVENTION: Linker For Linked Fusion Polypeptides
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/926,789
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/224,591
; FILING DATE:
; APPLICATION NUMBER: US 08/002,845
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/980,529
; FILING DATE: 20-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.1920002/JAG
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 238 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-926-789-12

Query Match 93.7%; Score 550; DB 2; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.1e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQTPSLPVSIGDQASISCRSSQSLVHSGNTFLRWYLPKPGQSPKLLIYKVSRRF 60
DB 1 DVVVTQTPSLPVSIGDQASISCRSSQSLVHSGNTFLRWYLPKPGQSPKLLIYKVSRRF 60

QY 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIQ 112
DB 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIK 112

RESULT 4
US-09-166-750-21
; Sequence 21, Application US/09166750
; Patent No. 6025165
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Wood, James F.
; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; APPLICANT: Rollence, Michelle
; TITLE OF INVENTION: Methods for Producing Multivalent Antigen-Binding
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/166,750
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 238 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-166-750-21

Query Match 93.7%; Score 550; DB 3; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.1e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

2y 1 DVVVTQPLSLPVSLGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
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1 DVVVTQPLSLPVSLGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
|||
61 SGVDPDFSGSGGTDFTLKISRVEAEDLVGYFCSQTHVPWTFGGTKLEIQ 112
|||
61 SGVDPDFSGSGGTDFTLKISRVEAEDLVGYFCSQTHVPWTFGGTKLEIK 112
|||

RESULT 5
US-09-166-093-21
Sequence 21, Application US/09166093
Patent No. 6027725
GENERAL INFORMATION:
APPLICANT: Whitlow, Marc
APPLICANT: Wood, James F.
APPLICANT: Hardman, Karl
APPLICANT: Bird, Robert
APPLICANT: Filpula, David
TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/166,093
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 238 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-166-093-21

Query Match 93.7%; Score 550; DB 3; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.1e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 1 DVVVTQPLSLPVSLGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
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1 DVVVTQPLSLPVSLGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
|||
61 SGVDPDFSGSGGTDFTLKISRVEAEDLVGYFCSQTHVPWTFGGTKLEIQ 112
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61 SGVDPDFSGSGGTDFTLKISRVEAEDLVGYFCSQTHVPWTFGGTKLEIK 112
|||

RESULT 6
US-09-172-019-21
Sequence 21, Application US/09172019
Patent No. 6103889
GENERAL INFORMATION:
APPLICANT: Whitlow, Marc
APPLICANT: Hardman, Karl
APPLICANT: Bird, Robert
APPLICANT: Filpula, David
TITLE OF INVENTION: Nucleic Acid Molecules Encoding Single-Chain
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/172,019
FILING DATE: Herewith
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 238 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-172-019-21

Query Match 93.7%; Score 550; DB 3; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.le-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQTLSPVSLGQAQASISCRSSQSLVHNSGNTFLHWYLOKPGQSPKLLIYTVSNRP 60
DB 1 DVVMTQTLSPVSLGQDQASISCRSSQSLVHNSGNTYLRWYLOKPGQSPKVIYKYVSNRP 60

QY 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSTHVPWFPGGKLEIQ 112
DB 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSTHVPWFPGGKLEIK 112

RESULT 7
US-09-166-094-21
Sequence 21, Application US/09166094
Patent No. 6121424
GENERAL INFORMATION:
APPLICANT: Whitlow, Marc
APPLICANT: Wood, James F.
APPLICANT: Hardman, Karl
APPLICANT: Bird, Robert
APPLICANT: Filpula, David
APPLICANT: Rollence, Michelle
TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/166,094
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 238 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-166-094-21

Query Match 93.7%; Score 550; DB 3; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.le-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQTLSPVSLGQAQASISCRSSQSLVHNSGNTFLHWYLOKPGQSPKLLIYTVSNRP 60
DB 1 DVVMTQTLSPVSLGQDQASISCRSSQSLVHNSGNTYLRWYLOKPGQSPKVIYKYVSNRP 60

QY 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSTHVPWFPGGKLEIQ 112
DB 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSTHVPWFPGGKLEIK 112

RESULT 8
US-09-443-213-21
Sequence 21, Application US/09443213
Patent No. 6515110
GENERAL INFORMATION:
APPLICANT: Whitlow, Marc
APPLICANT: Wood, James F.
APPLICANT: Hardman, Karl
APPLICANT: Bird, Robert
APPLICANT: Filpula, David
APPLICANT: Rollence, Michelle
TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/443,213
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/166,094
FILING DATE: 05-OCT-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.

REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000E
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 238 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-443-213-21

Query Match 93.7%; Score 550; DB 4; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.1e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

1 DVVVTQPLSLPVSILGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLIYTVSNRF 60
1 DVVVTQPLSLPVSILGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLIYTVSNRF 60
61 SGVPDRFSGSGGTDFTLKISRVEADLGIVYFCSTHVPWTFGGGTTKLEIQ 112
61 SGVPDRFSGSGGTDFTLKISRVEADLGIVYFCSTHVPWTFGGGTTKLEIK 112

RESULT 9
CT-US93-11138-12
Sequence 12, Application PC/TUS9311138
GENERAL INFORMATION:
APPLICANT: Enzon, Inc.
TITLE OF INVENTION: Linker For Linked Fusion Polypeptides
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005-3934

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PC/TUS93/11138
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/980,529
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/002,845
FILING DATE: 15-JAN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.2006604/JAG
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 239 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
CT-US93-11138-12

Query Match 93.7%; Score 550; DB 5; Length 239;
Best Local Similarity 92.9%; Pred. No. 1.1e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

1 DVVVTQPLSLPVSILGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLIYTVSNRF 60
1 DVVVTQPLSLPVSILGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLIYTVSNRF 60
61 SGVPDRFSGSGGTDFTLKISRVEADLGIVYFCSTHVPWTFGGGTTKLEIQ 112
61 SGVPDRFSGSGGTDFTLKISRVEADLGIVYFCSTHVPWTFGGGTTKLEIK 112

RESULT 10
US-08-392-338A-11
Sequence 11, Application US/08392338A
Patent No. 5869620
GENERAL INFORMATION:
APPLICANT: Whitlow, Marc
APPLICANT: Wood, James F.
APPLICANT: Hardman, Karl
APPLICANT: Bird, Robert
APPLICANT: Filpula, David
TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/392,338A
FILING DATE: 22-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.0030007
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-392-338A-11

Query Match 93.7%; Score 550; DB 2; Length 240;
Best Local Similarity 92.9%; Pred. No. 1.1e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

1 DVVVTQPLSLPVSILGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLIYTVSNRF 60
1 DVVVTQPLSLPVSILGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLIYTVSNRF 60
61 SGVPDRFSGSGGTDFTLKISRVEADLGIVYFCSTHVPWTFGGGTTKLEIQ 112
61 SGVPDRFSGSGGTDFTLKISRVEADLGIVYFCSTHVPWTFGGGTTKLEIK 112

RESULT 11

JS-09-166-750-11
; Sequence 11, Application US/09166750
; Patent No. 6025165

GENERAL INFORMATION:

APPLICANT: Whitlow, Marc
APPLICANT: Wood, James F.
APPLICANT: Hardman, Karl
APPLICANT: Bird, Robert
APPLICANT: Filpula, David
APPLICANT: Rollence, Michelle
TITLE OF INVENTION: Methods for Producing Multivalent Antigen-Binding
TITLE OF INVENTION: Proteins
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/166,750
FILING DATE: Herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991

ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.

REGISTRATION NUMBER: 29,021

REFERENCE/DOCKET NUMBER: 0977.003000C

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 371-2600

TELEFAX: (202) 371-2540

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 240 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-166-750-11

Query Match 93.7%; Score 550; DB 3; Length 240;

Best Local Similarity 92.9%; Pred. No. 1.1e-48;

Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSIGQAQASISCRSSQSLVHSGNTFLHWYKQPGQSKLLIYTVSNRF 60

DB 1 DVVMTQTPLSLPVSIGDQASISCRSSQSLVHSGNTYLRWYKQPGQSKVLIYKVS NRF 60

QY 61 SGVPRFSGSGSGTDTLTKISRVEADLGVYFCSTHVPWTFGGGTKLEIQ 112

DB 61 SGVPRFSGSGSGTDTLTKISRVEADLGVYFCSTHVPWTFGGGTKLEIK 112

RESULT 12

US-09-166-093-11

; Sequence 11, Application US/09166093

; Patent No. 6027725

GENERAL INFORMATION:

APPLICANT: Whitlow, Marc

APPLICANT: Wood, James F.

APPLICANT: Hardman, Karl
APPLICANT: Bird, Robert
APPLICANT: Filpula, David
APPLICANT: Rollence, Michelle
TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/166,093
FILING DATE: Herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991

ATTORNEY/AGENT INFORMATION:

NAME: Goldstein, Jorge A.

REGISTRATION NUMBER: 29,021

REFERENCE/DOCKET NUMBER: 0977.003000B

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 371-2600

TELEFAX: (202) 371-2540

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 240 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-166-093-11

Query Match 93.7%; Score 550; DB 3; Length 240;

Best Local Similarity 92.9%; Pred. No. 1.1e-48;

Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSIGQAQASISCRSSQSLVHSGNTFLHWYKQPGQSKLLIYTVSNRF 60

DB 1 DVVMTQTPLSLPVSIGDQASISCRSSQSLVHSGNTYLRWYKQPGQSKVLIYKVS NRF 60

QY 61 SGVPRFSGSGSGTDTLTKISRVEADLGVYFCSTHVPWTFGGGTKLEIQ 112

DB 61 SGVPRFSGSGSGTDTLTKISRVEADLGVYFCSTHVPWTFGGGTKLEIK 112

RESULT 13

US-09-172-019-11

; Sequence 11, Application US/09172019

; Patent No. 6103889

GENERAL INFORMATION:

APPLICANT: Whitlow, Marc

APPLICANT: Hardman, Karl

APPLICANT: Bird, Robert

APPLICANT: Filpula, David

TITLE OF INVENTION: Nucleic Acid Molecules Encoding Single-Chain

TITLE OF INVENTION: Antigen-Binding Proteins (As Amended)

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.

STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C. U.S.A.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/172.019
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-172-019-11

Query Match 93.7%; Score 550; DB 3; Length 240;
Best Local Similarity 92.9%; Pred. No. 1.le-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

2y 1 DVVVTQPLSLPVSLGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLIITYVSNRF 60
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Db 1 DVVVTQPLSLPVSLGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLIITYVSNRF 60
|||

2y 61 SGVPDRFSGSGGTFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIQ 112
|||
Db 61 SGVPDRFSGSGGTFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIK 112
|||

RESULT 14
US-09-166-094-11
Sequence 11, Application US/09166094
Patent No. 6121424
GENERAL INFORMATION:
APPLICANT: Whitlow, Marc
APPLICANT: Wood, James F.
APPLICANT: Hardman, Karl
APPLICANT: Bird, Robert
APPLICANT: Filpula, David
TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/166,094
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-166-094-11

Query Match 93.7%; Score 550; DB 3; Length 240;
Best Local Similarity 92.9%; Pred. No. 1.le-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 1 DVVVTQPLSLPVSLGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLIITYVSNRF 60
|||
Db 1 DVVVTQPLSLPVSLGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLIITYVSNRF 60
|||

Qy 61 SGVPDRFSGSGGTFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIQ 112
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Db 61 SGVPDRFSGSGGTFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIK 112
|||

RESULT 15
US-09-443-213-11
Sequence 11, Application US/09443213
Patent No. 6515110
GENERAL INFORMATION:
APPLICANT: Whitlow, Marc
APPLICANT: Wood, James F.
APPLICANT: Hardman, Karl
APPLICANT: Bird, Robert
APPLICANT: Filpula, David
TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/443,213
FILING DATE: Herewith
CLASSIFICATION:

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/166,094
; FILING DATE: 05-OCT-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/392,338
; FILING DATE: 22-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/989,846
; FILING DATE: 20-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/796,936
; FILING DATE: 25-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.003000E
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 240 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
JS-09-443-213-11

Query Match          93.7%; Score 550; DB 4; Length 240;
Best Local Similarity 92.9%; Pred. No. 1.le-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

2Y 1 DVVVTQTPLSLPVSIGQAQASICRSSQSLVHSGNGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 1 DVMVTQTPLSLPVSIGQAQASICRSSQSLVHSGNGNTYLRWYLOKPGQSPKVLIRKVSNEF 60
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

2Y 61 SGVDRPSGSGSGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGTKLEIQ 112
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 61 SGVDRPSGSGSGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGTKLEIK 112
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

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Search completed: March 8, 2004, 15:30:05
Job time : 35.7101 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: March 8, 2004, 15:02:19 ; Search time 5.10145 seconds
(without alignments)
161.918 Million cell updates/sec

Title: US-09-724-530-3

Perfect score: 83

Sequence: 1 RSSQSLVHNGNTFLH 16

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- 1: Issued Patents AA.*
- 2: /cgn2_6/ptodata/2/iaa/5A COMB.pcp.*
- 3: /cgn2_6/ptodata/2/iaa/5E COMB.pcp.*
- 4: /cgn2_6/ptodata/2/iaa/6A COMB.pcp.*
- 5: /cgn2_6/ptodata/2/iaa/6B COMB.pcp.*
- 6: /cgn2_6/ptodata/2/iaa/PCTUS COMB.pcp.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| result No. | Score | Query Match | Length | DB ID | Description |
|------------|-------|-------------|--------|-------|-------------------|
| 1 | 80 | 96.4 | 16 | 1 | US-08-244-626-4 |
| 2 | 80 | 96.4 | 110 | 1 | US-08-244-626-2 |
| 3 | 80 | 96.4 | 218 | 5 | PCT-US94-14106-61 |
| 4 | 78 | 94.0 | 112 | 2 | US-08-888-366-18 |
| 5 | 77 | 92.8 | 104 | 3 | US-08-881-037-37 |
| 6 | 77 | 92.8 | 638 | 3 | US-09-070-037-20 |
| 7 | 75 | 90.4 | 24 | 5 | PCT-US91-02942-20 |
| 8 | 75 | 90.4 | 24 | 5 | PCT-US91-02942-36 |
| 9 | 75 | 90.4 | 50 | 5 | PCT-US91-02942-6 |
| 10 | 75 | 90.4 | 50 | 5 | PCT-US91-02942-7 |
| 11 | 75 | 90.4 | 116 | 1 | US-08-482-882-66 |
| 12 | 75 | 90.4 | 116 | 2 | US-08-483-389-66 |
| 13 | 75 | 90.4 | 116 | 2 | US-08-487-113D-66 |
| 14 | 75 | 90.4 | 116 | 2 | US-08-473-503-66 |
| 15 | 75 | 90.4 | 116 | 2 | US-08-483-932-66 |
| 16 | 75 | 90.4 | 116 | 2 | US-08-720-420A-66 |
| 17 | 75 | 90.4 | 116 | 3 | US-08-714-017-66 |
| 18 | 75 | 90.4 | 116 | 3 | US-08-475-680-66 |
| 19 | 75 | 90.4 | 127 | 1 | US-08-482-882-45 |
| 20 | 75 | 90.4 | 127 | 2 | US-08-483-389-45 |
| 21 | 75 | 90.4 | 127 | 2 | US-08-487-113D-45 |
| 22 | 75 | 90.4 | 127 | 2 | US-08-473-503-45 |
| 23 | 75 | 90.4 | 127 | 2 | US-08-483-932-45 |
| 24 | 75 | 90.4 | 127 | 2 | US-08-720-420A-45 |
| 25 | 75 | 90.4 | 127 | 3 | US-08-714-017-45 |
| 26 | 75 | 90.4 | 127 | 3 | US-08-475-680-45 |
| 27 | 75 | 90.4 | 173 | 5 | PCT-US91-02942-3 |

Sequence 3, Appl
Sequence 88, Appl
Sequence 88, Appl
Sequence 4, Appl
Sequence 8, Appl
Sequence 7, Appl
Sequence 4, Appl
Sequence 4, Appl
Sequence 1, Appl
Sequence 132, App
Sequence 51, Appl
Sequence 12, Appl
Sequence 21, Appl
Sequence 12, Appl
Sequence 21, Appl

ALIGNMENTS

RESULT 1
US-08-244-626-4
; Sequence 4, Application US/08244626
; Patent No. 5502167
; GENERAL INFORMATION:
; APPLICANT: Waldmann, Herman
; APPLICANT: Walsh, Louise
; APPLICANT: Crowe, James Scott
; APPLICANT: Lewis, Alan Peter
; TITLE OF INVENTION: CDR GRAFTED HUMANISED CHIMERIC T-CELL
; TITLE OF INVENTION: ANTIBODIES
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figg, Ernst & Kurz, p.c.
; STREET: 555 Thirteenth Street, N. W.
; CITY: Washington
; STATE: D. C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/244,626
; FILING DATE: July 15, 1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB92/02251
; FILING DATE: December 4, 1992
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Ernst, Barbara G.
; REGISTRATION NUMBER: 30,377
; REFERENCE/DOCKET NUMBER: 1808-153A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 783-6040
; TELEFAX: (202) 783-6031
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-244-626-4

Query Match 96.4%; Score 80; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 2.3e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGNTFLH 16
| | | | | | | | | | | | | | | | | |
Db 1 RSSQSLVHSGNGNTYLH 16

RESULT 2
US-08-244-626-2
; Sequence 2, Application US/08244626
; Patent No. 5502167
; GENERAL INFORMATION:
; APPLICANT: Waldmann, Herman
; APPLICANT: Walsh, Louise
; APPLICANT: Crowe, James Scott
; APPLICANT: Lewis, Alan Peter
; TITLE OF INVENTION: CDR GRAFTED HUMANISED CHIMERIC T-CELL
; TITLE OF INVENTION: ANTIBODIES
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
; STREET: 555 Thirteenth Street, N.W.
; CITY: Washington
; STATE: D. C.
; COUNTRY: USA
; ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,626
FILING DATE: July 15, 1994
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/02251
FILING DATE: December 4, 1992
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Ernst, Barbara G.
REGISTRATION NUMBER: 30,377
REFERENCE/DOCKET NUMBER: 1808-153A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 783-6040
TELEFAX: (202) 783-6031
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 110 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein

US-08-244-626-2
Query Match 96.4%; Score 80; DB 1; Length 110;
Best Local Similarity 93.8%; Pred. No. 1.9e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 RSSQSLVHSGNGNTFLH 16
| | | | | | | | | | | | | | | | | |
Db 24 RSSQSLVHSGNGNTYLH 39

RESULT 3
PCT-US94-14106-61
; Sequence 61, Application PC/TUS9414106
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Process for Generating Specific Antibodies
; NUMBER OF SEQUENCES: 61
; COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: ASCII (text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/14106
FILING DATE:
CLASSIFICATION:
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US94-14106-61

Query Match 96.4%; Score 80; DB 5; Length 218;
Best Local Similarity 93.8%; Pred. No. 3.9e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGNTFLH 16
| | | | | | | | | | | | | | | | | |
Db 24 RSSQSLVHSGNGNTYLH 39

RESULT 4

US-08-888-366-18
; Sequence 18, Application US/08888366
; Patent No. 5972656

GENERAL INFORMATION:
APPLICANT: Lopez, Osvaldo
APPLICANT: Wylie, Dwane B.
APPLICANT: Wagner, Fred W.
TITLE OF INVENTION: Mercury Binding Polypeptides and Nucleotides Coding Therefore
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merchant & Gould
STREET: 90 South 7th Street, 3100 No. 5972656west Ctr.
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/888,366
FILING DATE: 03-JUL-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/187,407
FILING DATE: 27-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/990,542
FILING DATE: 14-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/493,299
FILING DATE: 14-MAR-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/324,392
FILING DATE: 14-MAR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Carter, Charles G.
REGISTRATION NUMBER: 35,093
REFERENCE/DOCKET NUMBER: 8648.39USCI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 112 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein

US-08-888-366-18

Query Match 94.0%; Score 78; DB 2; Length 112;
Best Local Similarity 87.5%; Pred. No. 3.9e-05;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

2y 1 RSSQSLVHNSNGNTFLH 16
|||:|||||:|
db 24 RSSQSLVHNSNGNTFLH 39
|||:|||||:|

RESULT 5

JS-08-881-037-37
; Sequence 37, Application US/08881037
; Patent No. 6080588
; GENERAL INFORMATION:
; APPLICANT: GLICK, GARY D.
; APPLICANT: Swanson, Patrick C.
; TITLE OF INVENTION: DNA BINDING ANTIBODIES

; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster

; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA

; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/881,037

; FILING DATE: 23-JUN-1997
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/443,540
; FILING DATE: 18-MAY-1995
; CLASSIFICATION: 530

; ATTORNEY/AGENT INFORMATION:
; NAME: Konaki, Antoinette F.

; REGISTRATION NUMBER: 34,202
; REFERENCE/DOCKET NUMBER: 203442110710

; TELEPHONE: (650) 813-5600
; TELEFAX: (650) 494-0792
; TELEX:

; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 104 amino acids

; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear

JS-08-881-037-37

Query Match 92.8%; Score 77; DB 3; Length 104;
Best Local Similarity 87.5%; Pred. No. 5.2e-05;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

2y 1 RSSQSLVHNSNGNTFLH 16
|||:|||||:|
db 16 RSSQSLVHNSNGNTFLH 31
|||:|||||:|

RESULT 6

JS-09-070-637-20
; Sequence 20, Application US/09070637A
; Patent No. 6132722
; GENERAL INFORMATION:
; APPLICANT: SIEMENS, NATHAN O.

; APPLICANT: YARNOLD, SUSAN
; APPLICANT: SENTER, PETER D.

Query Match 90.4%; Score 75; DB 5; Length 24;
Best Local Similarity 87.5%; Pred. No. 2.2e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

; TITLE OF INVENTION: RECOMBINANT ANTIBODY-ENZYME FUSION PROTEINS

; FILE REFERENCE: 9197F-83-1

; CURRENT APPLICATION NUMBER: US/09/070,637A

; CURRENT FILING DATE: 1998-04-30

; EARLIER APPLICATION NUMBER: 60/045,888

; EARLIER FILING DATE: 1997-05-07

; NUMBER OF SEQ ID NOS: 21

; SOFTWARE: Patent In Ver. 2.0

; SEQ ID NO 20

; LENGTH: 638

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Amino acid

; OTHER INFORMATION: sequence for L49-sfv-bl including PelB leader

US-09-070-637-20

Query Match 92.8%; Score 77; DB 3; Length 638;

Best Local Similarity 87.5%; Pred. No. 0.00037;

Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHNSNGNTFLH 16

|||:|||||:|

Db 183 RSSQSLVHNSNGNTFLH 198

RESULT 7

PCT-US91-02942-20

; Sequence 20, Application PC/TUS9102942

; GENERAL INFORMATION:

; APPLICANT: ROTHLEIN, ROBERT

; APPLICANT: ADAIR, JOHN R

; APPLICANT: ATHWAL, DILJEET S

; TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY

; NUMBER OF SEQUENCES: 102

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Sterne, Kessler, Goldstein & Fox

; STREET: 1225 Connecticut Ave. NW Suite 300

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA

; ZIP: 20036

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: PCT/US91/02942

; FILING DATE: 19910429

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: GB 9009549.8

; FILING DATE: 27-APR-1990

; ATTORNEY/AGENT INFORMATION:

; NAME: FOX, SAM L

; REGISTRATION NUMBER: 30,353

; REFERENCE/DOCKET NUMBER: 1011.0586600

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 466-0800

; TELEFAX: (202) 833-8716

; INFORMATION FOR SEQ ID NO: 20:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 24 amino acids

; TYPE: AMINO ACID

; TOPOLOGY: linear

; MOLECULE TYPE: protein

PCT-US91-02942-20

QY 1 RSSQSLVHSGNNTFLH 16
Db 3 RSSQSLVHSGNNTFLH 18

RESULT 8

PCT-US91-02942-36
; Sequence 36, Application PC/TUS9102942
; GENERAL INFORMATION:
; APPLICANT: ROTHLEIN, ROBERT
; APPLICANT: ADAIR, JOHN R
; APPLICANT: ADAL, DILJEET S
; TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
; NUMBER OF SEQUENCES: 102
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1225 Connecticut Ave. NW Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/02942
; FILING DATE: 19910429
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9009549.8
; FILING DATE: 27-APR-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: FOX, SAM L
; REGISTRATION NUMBER: 30,353
; REFERENCE/DOCKET NUMBER: 1011.0586600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 466-0800
; TELEFAX: (202) 833-8716
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US91-02942-36

Query Match 90.4%; Score 75; DB 5; Length 24;
Best Local Similarity 87.5%; Pred. No. 2.2e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNNTFLH 16
Db 3 RSSQSLVHSGNNTFLH 18

RESULT 9

PCT-US91-02942-6
; Sequence 6, Application PC/TUS9102942
; GENERAL INFORMATION:
; APPLICANT: ROTHLEIN, ROBERT
; APPLICANT: ADAIR, JOHN R
; APPLICANT: ADAL, DILJEET S
; TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
; NUMBER OF SEQUENCES: 102
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1225 Connecticut Ave. NW Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20036

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/02942
; FILING DATE: 19910429
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9009549.8
; FILING DATE: 27-APR-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: FOX, SAM L
; REGISTRATION NUMBER: 30,353
; REFERENCE/DOCKET NUMBER: 1011.0586600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 466-0800
; TELEFAX: (202) 833-8716
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 50 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
PCT-US91-02942-6

Query Match 90.4%; Score 75; DB 5; Length 50;
Best Local Similarity 87.5%; Pred. No. 4.8e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNNTFLH 16
Db 24 RSSQSLVHSGNNTFLH 39

RESULT 10

PCT-US91-02942-7
; Sequence 7, Application PC/TUS9102942
; GENERAL INFORMATION:
; APPLICANT: ROTHLEIN, ROBERT
; APPLICANT: ADAIR, JOHN R
; APPLICANT: ADAL, DILJEET S
; TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
; NUMBER OF SEQUENCES: 102
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1225 Connecticut Ave. NW Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/02942
; FILING DATE: 19910429
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9009549.8
; FILING DATE: 27-APR-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: FOX, SAM L
; REGISTRATION NUMBER: 30,353
; REFERENCE/DOCKET NUMBER: 1011.0586600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 466-0800
; TELEFAX: (202) 833-8716
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:

Query Match 90.4%; Score 75; DB 5; Length 50;
Best Local Similarity 87.5%; Pred. No. 4.8e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

LENGTH: 50 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
PCT-US91-02942-7

Query Match 90.4%; Score 75; DB 5; Length 50;
Best Local Similarity 87.5%; Pred. NO. 4.8e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGTFLH 16
DB 24 RSSQSLVHSGNGNYLH 39

RESULT 11

US-08-482-882-66
; Sequence 66, Application US/08482882
; Patent No. 5773218
; GENERAL INFORMATION:
; APPLICANT: Gallatin, W. Michael
; APPLICANT: Vazeux, Rosemay
; TITLE OF INVENTION: ICAM-Related Materials and Methods
; NUMBER OF SEQUENCES: 116
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 S. Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25.
; CURRENT APPLICATION DATA:
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US/08/482,882
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/286,754
; FILING DATE:
; APPLICATION NUMBER: US 08/102,852
; FILING DATE: 05-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/009,265
; FILING DATE: 22-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/894,061
; FILING DATE: 05-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/889,724
; FILING DATE: 26-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/827,689
; FILING DATE: 27-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5773218and, Greta E.
; REGISTRATION NUMBER: 35,302
; REFERENCE/DOCKET NUMBER: 32178
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 116 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-482-882-66

Query Match 90.4%; Score 75; DB 1; Length 116;
Best Local Similarity 87.5%; Pred. NO. 0.00012;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGTFLH 16
DB 28 RSSQSLVHSGNDTYLH 43

RESULT 12

US-08-483-389-66
; Sequence 66, Application US/08483389
; Patent No. 5811517
; GENERAL INFORMATION:
; APPLICANT: Gallatin, W. Michael
; APPLICANT: Vazeux, Rosemay
; TITLE OF INVENTION: ICAM-RELATED PROTEIN
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 233 South Wacker Drive/6300 Sears Tower
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,389
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/102,852
; FILING DATE: 05-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/009,266
; FILING DATE: 22-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/894,061
; FILING DATE: 05-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/889,724
; FILING DATE: 26-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/827,689
; FILING DATE: 27-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Sub, Young J.
; REGISTRATION NUMBER: P-41,337
; REFERENCE/DOCKET NUMBER: 27866/32760
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELEX: (312) 474-6600
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 116 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-483-389-66

Query Match 90.4%; Score 75; DB 2; Length 116;
Best Local Similarity 87.5%; Pred. NO. 0.00012;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGTFLH 16
DB 28 RSSQSLVHSGNDTYLH 43

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RESULT 13
US-08-487-113D-66
; Sequence 66, Application US/08487113D
; Patent No. 5837822
; GENERAL INFORMATION:
; APPLICANT: Gallatin, W. Michael
; APPLICANT: Vazeux, Rosemay
; TITLE OF INVENTION: ICAM-Related Materials and Methods
; NUMBER OF SEQUENCES: 116
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 S. Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,113D
; FILING DATE: 05-AUG-1994
; PRIORITY DATE: 05-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/286,754
; FILING DATE: 05-AUG-1994
; PRIORITY DATE: 05-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/009,266
; FILING DATE: 22-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/894,061
; FILING DATE: 05-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/889,724
; FILING DATE: 26-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/827,689
; FILING DATE: 27-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5837822and, Greta E.
; REGISTRATION NUMBER: 35,302
; REFERENCE/DOCKET NUMBER: 32744
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 116 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-487-113D-66
Query Match 90.4%; Score 75; DB 2; Length 116;
Best Local Similarity 87.5%; Pred. No. 0.00012;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

RESULT 14
US-08-487-503-66
; Sequence 66, Application US/08473503
; Patent No. 5869262
; GENERAL INFORMATION:
; APPLICANT: Gallatin, W. Michael
; APPLICANT: Vazeux, Rosemay
; TITLE OF INVENTION: ICAM-Related Materials and Methods
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,113D
; FILING DATE: 05-AUG-1994
; PRIORITY DATE: 05-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/286,754
; FILING DATE: 05-AUG-1994
; PRIORITY DATE: 05-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/009,266
; FILING DATE: 22-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/894,061
; FILING DATE: 05-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/889,724
; FILING DATE: 26-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/827,689
; FILING DATE: 27-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5837822and, Greta E.
; REGISTRATION NUMBER: 35,302
; REFERENCE/DOCKET NUMBER: 32744
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 116 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-487-113D-66
Query Match 90.4%; Score 75; DB 2; Length 116;
Best Local Similarity 87.5%; Pred. No. 0.00012;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

RESULT 15
US-08-483-932-66
; Sequence 66, Application US/08483932
; Patent No. 5880268
; GENERAL INFORMATION:
; APPLICANT: Gallatin, W. Michael
; APPLICANT: Vazeux, Rosemay
; TITLE OF INVENTION: ICAM-Related Materials and Methods
; NUMBER OF SEQUENCES: 116
; CORRESPONDENCE ADDRESS:
```

ADDRESS: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,932
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286,754
FILING DATE: 05-AUG-1994
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: No. 580268and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 66:
SEQUENCE CHARACTERISTICS:
LENGTH: 116 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-483-932-66

Query Match 90.4%; Score 75; DB 2; Length 116;
Best Local Similarity 87.5%; Pred. No. 0.00012;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGTFLH 16
DB 28 RSSQSLVHSGNGTYLH 43

Search completed: March 8, 2004, 15:30:06
Job time : 6.10145 secs

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CM protein - protein search, using sw model

Run on: March 8, 2004, 15:02:19 ; Search time 5.42029 Seconds
(without alignments)
161.918 Million cell updates/sec

Title: US-09-724-530-9

Perfect score: 93

Sequence: 1 RVIPNNGTSYNQKFKG 17

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA.*
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3: /cgn2_6/ptodata/2/iaa/6A COMB.pep.*
4: /cgn2_6/ptodata/2/iaa/6B COMB.pep.*
5: /cgn2_6/ptodata/2/iaa/POCUS COMB.pep.*
6: /cgn2_6/ptodata/2/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description |
|------------|-------|-------------|--------|-------|--------------------|
| 1 | 80 | 86.0 | 301 | 2 | US-08-656-906-25 |
| 2 | 80 | 86.0 | 301 | 3 | US-09-217-847-25 |
| 3 | 77 | 82.8 | 120 | 4 | US-08-875-706C-1 |
| 4 | 74 | 79.6 | 125 | 3 | US-09-357-710A-20 |
| 5 | 74 | 79.6 | 125 | 4 | US-09-357-707-20 |
| 6 | 74 | 79.6 | 128 | 1 | US-08-202-047-21 |
| 7 | 74 | 79.6 | 128 | 3 | US-08-964-690-21 |
| 8 | 72 | 77.4 | 17 | 2 | US-08-116-778B-7 |
| 9 | 72 | 77.4 | 17 | 2 | US-08-438-562-7 |
| 10 | 72 | 77.4 | 17 | 2 | US-08-483-528B-95 |
| 11 | 72 | 77.4 | 17 | 4 | US-09-393-385B-106 |
| 12 | 72 | 77.4 | 119 | 1 | US-07-634-278-64 |
| 13 | 72 | 77.4 | 119 | 1 | US-07-634-278-65 |
| 14 | 72 | 77.4 | 119 | 1 | US-07-634-278-89 |
| 15 | 72 | 77.4 | 119 | 1 | US-08-477-728-64 |
| 16 | 72 | 77.4 | 119 | 1 | US-08-477-728-65 |
| 17 | 72 | 77.4 | 119 | 1 | US-08-477-728-89 |
| 18 | 72 | 77.4 | 119 | 1 | US-08-474-040-64 |
| 19 | 72 | 77.4 | 119 | 1 | US-08-474-040-65 |
| 20 | 72 | 77.4 | 119 | 1 | US-08-474-040-89 |
| 21 | 72 | 77.4 | 119 | 1 | US-08-487-200-64 |
| 22 | 72 | 77.4 | 119 | 1 | US-08-487-200-65 |
| 23 | 72 | 77.4 | 119 | 1 | US-08-487-200-89 |
| 24 | 72 | 77.4 | 119 | 3 | US-08-484-537-64 |
| 25 | 72 | 77.4 | 119 | 3 | US-08-484-537-65 |
| 26 | 72 | 77.4 | 119 | 3 | US-08-484-537-89 |
| 27 | 72 | 77.4 | 137 | 2 | US-08-116-778B-3 |

Sequence 3, Appli
Sequence 93, Appl
Sequence 85, Appl
Sequence 85, Appl
Sequence 85, Appl
Sequence 85, Appl
Sequence 85, Appl
Sequence 85, Appl
Sequence 1, Appl
Sequence 1, Appl
Sequence 91, Appl
Sequence 36, Appl
Sequence 36, Appl
Sequence 100, Appl
Sequence 112, Appl
Sequence 144, Appl
Sequence 144, Appl
Sequence 1, Appl
Sequence 41, Appl

ALIGNMENTS

RESULT 1
US-08-656-906-25
; Sequence 25, Application US/08656906
; Patent No. 5972901
; GENERAL INFORMATION:
; APPLICANT: Perkol Jr., Thomas W.
; APPLICANT: Davis, Pamela B.
; APPLICANT: Ziad, Assem-Galal
; TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
; TITLE OF INVENTION: Mediated Gene Transfer
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/656,906
; FILING DATE: 03-JUN-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/
; FILING DATE: 03-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO 95/25809
; FILING DATE: 23-MAR-1995
; PRIOR APPLICATION DATA: US 08/216,534
; APPLICATION NUMBER: 23-MAR-1994
; FILING DATE: 23-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: CASE-02280
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 301 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-656-906-25

Query Match 86.0%; Score 80; DB 2; Length 301;
Best Local Similarity 100.0%; Pred. No. 4e-05;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFKG 17
|||||
Db 179 PNNGGTSYNQKFKG 192

RESULT 2

US-09-217-847-25
; Sequence 25, Application US/09217847
; Patent No. 6200801
; GENERAL INFORMATION:
; APPLICANT: Perkol Jr., Thomas W.
; APPLICANT: Davis, Pamela B.
; APPLICANT: Ziad, Assen-Galal
; TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
; TITLE OF INVENTION: Mediated Gene Transfer
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/217,847
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/656,906
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO 95/25809
; FILING DATE: 23-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/216,534
; FILING DATE: 23-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: CASE-02280
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 301 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-217-847-25

Query Match 86.0%; Score 80; DB 3; Length 301;
Best Local Similarity 100.0%; Pred. No. 4e-05;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFKG 17
|||||
Db 179 PNNGGTSYNQKFKG 192

RESULT 3

US-08-875-706C-1
; Sequence 1, Application US/08875706C

Patent No. 6433148
; GENERAL INFORMATION:
; APPLICANT: MACIAS ABRAHAN, A. E.
; APPLICANT: P REZ RODRIGUEZ, R.
; APPLICANT: RODRIGUEZ OBAYA, T.
; APPLICANT: BOMBINO LOPEZ, G.
; APPLICANT: RAMOS ZAMORA, M.
; APPLICANT: PEÑA MARICHAL, O.
; TITLE OF INVENTION: Monoclonal anti-idiotypic antibodies
; TITLE OF INVENTION:
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lackenbach Siegel Marzullo Aronson & Greenspan, P.C.
; STREET: One Chase Road
; CITY: Scarsdale
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10583
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk 3.5" (1.4 MB).
; COMPUTER: Compatible PC IBM (80486, 8 M Ram).
; OPERATING SYSTEM: ASCII II DOS
; SOFTWARE: Word Perfect 5.0 for Windows 95.
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,706C
; FILING DATE: 17-July-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/CU96/00003
; FILING DATE: 18-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Henry A. Marzullo, Jr.
; REGISTRATION NUMBER: 20,910
; REFERENCE/DOCKET NUMBER: P-11
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 723-4300
; TELEFAX: (914) 723-4301
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 120 Amino acid residues
; TYPE: Amino acid
; STRANDEDNESS: Unknown
; TOPOLOGY: Unknown
; MOLECULE TYPE: Protein
; HYPOTHETICAL: No
; ANTI-SENSE: No
; FRAGMENT TYPE: -N Terminal fragment.
; ORIGINAL SOURCE:
; ORGANISM: Mice Balb/c
; TISSUE TYPE: Murine hybridoma
; IMMEDIATE SOURCE:
; CLONE: B7
; FEATURE:
; IDENTIFICATION METHOD: Experimental.
; OTHER INFORMATION: - Sequence corresponding to the variable
; Patent No. 6433148
; OTHER INFORMATION: region of its heavy chain of the humanized variant obtained
; OTHER INFORMATION: from the monoclonal antibody B7.
US-08-875-706C-1

Query Match 82.8%; Score 77; DB 4; Length 120;
Best Local Similarity 87.5%; Pred. No. 4.8e-05;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 VIPNNGGTSYNQKFKG 17
|||||
Db 51 VSPNNGGASYNQKFKG 66

RESULT 4

US-09-357-710A-20
; Sequence 20, Application US/09357710A
; Patent No. 6290956

GENERAL INFORMATION:
APPLICANT: Bander, Neil H.
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: Lois M. Kwasigroch: B2L 242/025
CURRENT APPLICATION NUMBER: US/09/357,710A
CURRENT FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: US 08/838,682
PRIOR FILING DATE: 1997-04-09
PRIOR APPLICATION NUMBER: US 60/016,976
PRIOR FILING DATE: 1996-08-06
PRIOR APPLICATION NUMBER: US 60/022,125
PRIOR FILING DATE: 1996-07-18
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patent in version 3.0
SEQ ID NO 20
LENGTH: 125
TYPE: PRT
ORGANISM: Mus sp.
JS-09-357-710A-20

Query Match 79.6%; Score 74; DB 3; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00014;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2y 4 PNNGGTSYNQKFG 17
54 PNNGGTSYNQKFG 67

RESULT 5
JS-09-357-707-20
Sequence 20, Application US/09357707
Patent No. 6849163
GENERAL INFORMATION:
APPLICANT: Bander, Neil H.
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
FILE REFERENCE: Lois M. Kwasigroch: B2L 242/078
CURRENT APPLICATION NUMBER: US/09/357,707
CURRENT FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: US 08/895,914
PRIOR FILING DATE: 1997-07-17
PRIOR APPLICATION NUMBER: US 08/838,682
PRIOR FILING DATE: 1997-04-09
PRIOR APPLICATION NUMBER: US 60/016,976
PRIOR FILING DATE: 1996-05-06
PRIOR APPLICATION NUMBER: US 60/022,125
PRIOR FILING DATE: 1996-07-18
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patent in version 3.0
SEQ ID NO 20
LENGTH: 125
TYPE: PRT
ORGANISM: Mus sp.
JS-09-357-707-20

Query Match 79.6%; Score 74; DB 4; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00014;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2y 4 PNNGGTSYNQKFG 17
54 PNNGGTSYNQKFG 67

RESULT 6
US-08-202-047-21
Sequence 21, Application US/08202047
Patent No. 5800815
GENERAL INFORMATION:
APPLICANT: CHESNUT, Robert W.
APPLICANT: POLLEY, Margaret J.
APPLICANT: PAULSON, James C.
APPLICANT: JONES, S. Tarran

APPLICANT: SALDANHA, Jose W.
APPLICANT: BENDIG, Mary M.
TITLE OF INVENTION: Antibodies to P-Selectin and Their Uses
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Kourie and Crew
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/202,047
FILING DATE: 25-FEB-1994
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 14137-77
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 128 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..128
OTHER INFORMATION: /label= MOUSE_IIA
US-08-202-047-21

Query Match 79.8%; Score 74; DB 1; Length 128;
Best Local Similarity 92.9%; Pred. No. 0.00015;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 PNNGGTSYNQKFG 17
Db 53 PNNGGTSYNQKFG 66

RESULT 7
US-08-964-690-21
Sequence 21, Application US/08964690
Patent No. 6033667
GENERAL INFORMATION:
APPLICANT: CHESNUT, Robert W.
APPLICANT: POLLEY, Margaret J.
APPLICANT: PAULSON, James C.
APPLICANT: JONES, S. Tarran
APPLICANT: SALDANHA, Jose W.
APPLICANT: BENDIG, Mary M.
TITLE OF INVENTION: Antibodies to P-Selectin and Their Uses
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Kourie and Crew
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/964,690
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/202,047
FILING DATE: 25-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 14137-77
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 128 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..128
OTHER INFORMATION: /label= MOUSE_IIA
US-08-964-690-21

Query Match 79.6%; Score 74; DB 3; Length 128;
Best Local Similarity 92.9%; Pred. No. 0.00015;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFK 17
DB 53 PNNGGTSYNQKFK 66

RESULT 8
US-08-116-778E-7
Sequence 7, Application US/08116778E
Patent No. 5830470
GENERAL INFORMATION:
APPLICANT: NAKAMURA, KAZUYASU
APPLICANT: KOIKE, MASAMICHI
APPLICANT: SHITARA, KENYA
APPLICANT: HANAI, NOBUO
APPLICANT: KUWANA, YOSHIHISA
APPLICANT: HASEGAWA, MAMORU
TITLE OF INVENTION: HUMANIZED ANTIBODIES
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/116,778E
FILING DATE: 07-SEP-93
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: WILSON, MARY J.
REGISTRATION NUMBER: 32,955
REFERENCE/DOCKET NUMBER: 249-59
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4000
TELEFAX: (703)816-4100

INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-116-778E-7

Query Match 77.4%; Score 72; DB 2; Length 17;
Best Local Similarity 80.0%; Pred. No. 3.6e-05;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2 VIPNNGGTSYNQKFK 16
DB 2 IYPNNGGTSYNQKFK 16

RESULT 9
US-08-438-562-7
Sequence 7, Application US/08438562
Patent No. 5874255
GENERAL INFORMATION:
APPLICANT: NAKAMURA, KAZUYASU
APPLICANT: KOIKE, MASAMICHI
APPLICANT: SHITARA, KENYA
APPLICANT: HANAI, NOBUO
APPLICANT: KUWANA, YOSHIHISA
APPLICANT: HASEGAWA, MAMORU
TITLE OF INVENTION: HUMANIZED ANTIBODIES
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/438,562
FILING DATE: 10-MAY-95
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/116,778
FILING DATE: 07-SEP-93
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: WILSON, MARY J.
REGISTRATION NUMBER: 32,955
REFERENCE/DOCKET NUMBER: 249-76
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4000
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-438-562-7

Query Match 77.4%; Score 72; DB 2; Length 17;
Best Local Similarity 80.0%; Pred. No. 3.6e-05;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2 VIPNNGGTSYNQKFK 16
DB 2 IYPNNGGTSYNQKFK 16

Patent No. 5585089
GENERAL INFORMATION:
APPLICANT: QUEEN, Cary L.
APPLICANT: SCHNEIDER, William P.
APPLICANT: SELICK, Harold E.
TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: Palo Alto
STATE: California
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,728
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/634,279
FILING DATE: 19-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William W.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11823-002600
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-477-728-64

Query Match 77.4%; Score 72; DB 1; Length 119;
Best Local Similarity 92.9%; Pred. No. 0.00028;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4 PNNGGTSYNQKFKG 17
DB 53 PYNGGTSYNQKFKG 66

Search completed: March 8, 2004, 15:30:08
Job time : 6.42029 secs

US-08-877-605-139

Query Match 100.0%; Score 22; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 2 EGIY 5

RESULT 5

US-08-918-148-20

; Sequence 20, Application US/08918148A
; Patent No. 6342220
; GENERAL INFORMATION:
; APPLICANT: Adams, Camellia
; APPLICANT: W.
; APPLICANT: Carter, Paul J.
; APPLICANT: Fendly, Brian M.
; APPLICANT: Gurney, Austin L.
; TITLE OF INVENTION: Agonist Antibodies
; FILE REFERENCE: P0979
; CURRENT APPLICATION NUMBER: US/08/918,148A
; CURRENT FILING DATE: 1997-08-25
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 20
; LENGTH: 11
; TYPE: PRT
; ORGANISM: artificial
; FEATURE:
; NAME/KEY: SE5scfv, 10D10scfv, 12D5scfv VL CDR1
; LOCATION: 1-11
; OTHER INFORMATION: also 12B5scfv VL CDR1
US-08-918-148-20

Query Match 100.0%; Score 22; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 32;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 4 EGIY 7

RESULT 6

US-09-727-532A-17

; Sequence 17, Application US/09727532A
; Patent No. 6436646
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/09/727,532A
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 17
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protease substrate
; NAME/KEY: misc.feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: lysinamide
US-09-727-532A-17

us-09-724-530-10.ra1

US-08-877-605-139

Query Match 100.0%; Score 22; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 2 EGIY 5

RESULT 5

US-08-918-148-20

; Sequence 20, Application US/08918148A
; Patent No. 6342220
; GENERAL INFORMATION:
; APPLICANT: Adams, Camellia
; APPLICANT: W.
; APPLICANT: Carter, Paul J.
; APPLICANT: Fendly, Brian M.
; APPLICANT: Gurney, Austin L.
; TITLE OF INVENTION: Agonist Antibodies
; FILE REFERENCE: P0979
; CURRENT APPLICATION NUMBER: US/08/918,148A
; CURRENT FILING DATE: 1997-08-25
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 20
; LENGTH: 11
; TYPE: PRT
; ORGANISM: artificial
; FEATURE:
; NAME/KEY: SE5scfv, 10D10scfv, 12D5scfv VL CDR1
; LOCATION: 1-11
; OTHER INFORMATION: also 12B5scfv VL CDR1
US-08-918-148-20

Query Match 100.0%; Score 22; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 32;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 4 EGIY 7

RESULT 6

US-09-727-532A-17

; Sequence 17, Application US/09727532A
; Patent No. 6436646
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/09/727,532A
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 17
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protease substrate
; NAME/KEY: misc.feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: lysinamide
US-09-727-532A-17

Query Match 100.0%; Score 22; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 32;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 EGIY 4
DB 1 EGIY 4

RESULT 7

US-09-569-193A-17
; Sequence 17, Application US/09569193A
; Patent No. 6472141
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/09/569,193A
; CURRENT FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protase substrate
; NAME/KEY: misc feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: lysinamide
US-09-569-193A-17

Query Match 100.0%; Score 22; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 32;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 EGIY 4
DB 1 EGIY 4

RESULT 8

US-08-251-472-5
; Sequence 5, Application US/08251472
; Patent No. 5871746
; GENERAL INFORMATION:
; APPLICANT: BOUTILLON, CHRISTOPHE; MARTINON,
; APPLICANT: FREDERIC; GRAS-MASSE, HELENE;
; APPLICANT: GOMARD, ELISABETH; SERGHERAERT,
; APPLICANT: CHRISTIAN; MAGNE, REMY; TARTAR,
; APPLICANT: ANDRE; LEVY, JEAN-PAUL
; TITLE OF INVENTION: CYTOTOXIC T LYMPHOCYTE
; TITLE OF INVENTION: -INDUCING LIPOPEPTIDES AND USE AS VACCINES
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/251,472
; FILING DATE: 31-MAY-1994
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: MUSERLIAN, CHARLES A
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 102.1511
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: HIV-1
; FEATURE:
; LOCATION: NEF 125-147
US-08-251-472-5

Query Match 100.0%; Score 22; DB 2; Length 23;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
DB 6 EGIY 9

RESULT 9

US-09-248-082-5
; Sequence 5, Application US/09248082
; Patent No. 6015564
; GENERAL INFORMATION:
; APPLICANT: BOUTILLON, CHRISTOPHE; MARTINON,
; APPLICANT: FREDERIC; GRAS-MASSE, HELENE;
; APPLICANT: GOMARD, ELISABETH; SERGHERAERT,
; APPLICANT: CHRISTIAN; MAGNE, REMY; TARTAR,
; APPLICANT: ANDRE; LEVY, JEAN-PAUL
; TITLE OF INVENTION: CYTOTOXIC T LYMPHOCYTE
; TITLE OF INVENTION: -INDUCING LIPOPEPTIDES AND USE AS VACCINES
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/248,082
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/251,472
; FILING DATE: 31-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: MUSERLIAN, CHARLES A
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 102.1511
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002

INFORMATION FOR SEQ ID NO: 5;
SEQUENCE CHARACTERISTICS:
LENGTH: 23
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: HIV-1
FEATURE:
LOCATION: NEF 125-147
US-09-248-082-5

Query Match 100.0%; Score 22; DB 3; Length 23;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
DB 6 EGIY 9

RESULT 10
US-08-926-842B-49
Sequence 49, Application US/08926842B
Patent No. 6030807
GENERAL INFORMATION:
APPLICANT: Sa-No. 6030807ueira, Isabel
APPLICANT: de Lencastre, Herminia
TITLE OF INVENTION: HIGHLY REGULABLE PROMOTER FOR HETEROLOGOUS GENE
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.125
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/926,842B
FILING DATE: 10-SEP-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-089 N
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521

INFORMATION FOR SEQ ID NO: 49;
SEQUENCE CHARACTERISTICS:
LENGTH: 49 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
US-08-926-842B-49

Query Match 100.0%; Score 22; DB 3; Length 49;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
DB 6 EGIY 9

Db 35 EGIY 38

RESULT 11
US-08-469-537A-7
Sequence 7, Application US/08469537A
Patent No. 5843749
GENERAL INFORMATION:
APPLICANT: Maisonnier, et al.
TITLE OF INVENTION: EHK AND ROR TYROSINE
TITLE OF INVENTION: KINASES
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESS:
ADDRESSEE: Regeneron Pharmaceuticals, Inc.
STREET: 777 Old Saw Mill River Road
CITY: Tarrytown
STATE: NY
COUNTRY: U.S.A.
ZIP: 10591
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,537A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/406,247
FILING DATE: 17-MAR-1995
APPLICATION NUMBER: USSN 08/144,992
FILING DATE: 28-OCT-1993
APPLICATION NUMBER: USSN 07/736,559
FILING DATE: 26-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Kempler, Ph.D., Gail M
REGISTRATION NUMBER: 32,143
REFERENCE/DOCKET NUMBER: REG 070C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 914-345-7400
TELEFAX: 914-345-7721
TELEX:
INFORMATION FOR SEQ ID NO: 7;
SEQUENCE CHARACTERISTICS:
LENGTH: 53 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-469-537A-7

Query Match 100.0%; Score 22; DB 2; Length 53;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
DB 46 EGIY 49

RESULT 12
US-08-469-537A-20
Sequence 20, Application US/08469537A
Patent No. 5843749
GENERAL INFORMATION:
APPLICANT: Maisonnier, et al.
TITLE OF INVENTION: EHK AND ROR TYROSINE
TITLE OF INVENTION: KINASES
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESS:
ADDRESSEE: Regeneron Pharmaceuticals, Inc.
STREET: 777 Old Saw Mill River Road

CITY: Tarrytown
STATE: NY
COUNTRY: U.S.A.
ZIP: 10591
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,537A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USN 08/406,247
FILING DATE: 17-MAR-1995
APPLICATION NUMBER: USN 08/144,992
FILING DATE: 28-OCT-1993
APPLICATION NUMBER: USN 07/736,559
FILING DATE: 26-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Kempler, Ph.D., Gail M
REGISTRATION NUMBER: 32,143
REFERENCE/DOCKET NUMBER: REG 070C
TELEPHONE: 914-345-7400
TELEFAX: 914-345-7721
TELEX:
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 53 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-469-537A-20

Query Match 100.0%; Score 22; DB 2; Length 53;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 46 EGIY 49

RESULT 13
US-08-592-406-22
Sequence 22, Application US/08592406
Patent No. 5821059
GENERAL INFORMATION:
APPLICANT: MINION, F. Chris
APPLICANT: KNUDTSON, Kevin L.
TITLE OF INVENTION: MYCOPLASMA EXPRESSION SYSTEM
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/592,406
FILING DATE: 06-FEB-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US93/07407
FILING DATE: 06-AUG-1993

ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 76645/132
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 56 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-532-406-22

Query Match 100.0%; Score 22; DB 2; Length 56;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 14 EGIY 17

RESULT 14
US-08-633-879C-16
Sequence 16, Application US/08633879C
Patent No. 5928922
GENERAL INFORMATION:
APPLICANT: Kivirikko, Kari I.
APPLICANT: Pihlajaniemi, Taina
APPLICANT: Helaakoski, Tarja I.
APPLICANT: Annunen, Pia P.
APPLICANT: Nissi, Ritva K.
APPLICANT: No. 5928922elainen, Minna K.
TITLE OF INVENTION: 2 SUBUNIT OF PROLYL-4-HYDROXYLASE
TITLE OF INVENTION: NUCLEIC ACID SEQUENCES ENCODING SUCH SUBUNIT AND
TITLE OF INVENTION: METHODS FOR PRODUCING THE SAME
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds, LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/633,879C
FILING DATE: 10-APR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Abrams, Samuel B
REGISTRATION NUMBER: 30,605
REFERENCE/DOCKET NUMBER: 8389-0041-999
TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 65 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear

; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
US-08-633-879C-16

Query Match 100.0%; Score 22; DB 2; Length 65;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EGIY 4
|||
Db 38 EGIY 41

RESULT 15

US-09-621-976-7240
; Sequence 7240, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 7240
; LENGTH: 67
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-621-976-7240

Query Match 100.0%; Score 22; DB 4; Length 67;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EGIY 4
|||
Db 41 EGIY 44

Search completed: March 8, 2004, 15:30:08
Job time : 1.27536 secs

GenCore version 5.1.6
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3M protein - protein search, using sw model

Run on: March 8, 2004, 15:02:19 ; Search time 1.91304 Seconds
(without alignments)
161.918 Million cell updates/sec

Title: US-09-724-530-8

Perfect score: 37

Sequence: 1 TGYVH 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_AA.*

1: /cgn2_6/ptodata/2/iaa/5A COMB.pcp.*

2: /cgn2_6/ptodata/2/iaa/5B COMB.pcp.*

3: /cgn2_6/ptodata/2/iaa/6A COMB.pcp.*

4: /cgn2_6/ptodata/2/iaa/6B COMB.pcp.*

5: /cgn2_6/ptodata/2/iaa/PTUS COMB.pcp.*

6: /cgn2_6/ptodata/2/iaa/backfile1.pcp.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description |
|------------|-------|-------------|--------|-------|----------------------|
| 1 | 34 | 91.9 | 114 | 2 | US-08-888-366-8 |
| 2 | 34 | 91.9 | 117 | 3 | US-08-545-809A-90 |
| 3 | 34 | 91.9 | 123 | 1 | US-08-477-877B-94 |
| 4 | 34 | 91.9 | 123 | 2 | US-08-472-281A-94 |
| 5 | 34 | 91.9 | 123 | 2 | US-08-477-899B-94 |
| 6 | 34 | 91.9 | 124 | 4 | US-08-257-069-2 |
| 7 | 34 | 91.9 | 124 | 1 | US-08-230-843-4 |
| 8 | 34 | 91.9 | 243 | 1 | US-08-636-936-4 |
| 9 | 32 | 86.5 | 288 | 4 | US-08-423-439-38 |
| 10 | 32 | 86.5 | 445 | 1 | US-08-353-400-33 |
| 11 | 32 | 86.5 | 464 | 1 | US-08-333-400-36 |
| 12 | 32 | 86.5 | 585 | 3 | US-08-370-807-4 |
| 13 | 32 | 86.5 | 585 | 4 | US-08-921-259-4 |
| 14 | 32 | 86.5 | 611 | 3 | US-08-370-807-2 |
| 15 | 32 | 86.5 | 611 | 4 | US-08-921-259-2 |
| 16 | 32 | 86.5 | 673 | 4 | US-08-423-439-32 |
| 17 | 31 | 83.8 | 116 | 2 | US-08-551-521-41 |
| 18 | 31 | 83.8 | 116 | 5 | PCT-US95-01219-41 |
| 19 | 31 | 83.8 | 135 | 1 | US-08-137-117D-27 |
| 20 | 31 | 83.8 | 135 | 1 | US-08-137-117D-100 |
| 21 | 31 | 83.8 | 135 | 1 | US-08-137-117D-102 |
| 22 | 31 | 83.8 | 135 | 1 | US-08-137-117D-112 |
| 23 | 31 | 83.8 | 135 | 2 | US-08-436-717-27 |
| 24 | 31 | 83.8 | 135 | 2 | US-08-436-717-100 |
| 25 | 31 | 83.8 | 135 | 2 | US-08-436-717-102 |
| 26 | 31 | 83.8 | 135 | 2 | US-08-436-717-112 |
| 27 | 31 | 83.8 | 308 | 4 | US-08-252-991A-24129 |
| 28 | 31 | 83.8 | 308 | 4 | US-08-252-991A-24129 |

ALIGNMENTS

RESULT 1
US-08-888-366-8
; Sequence 8, Application US/08888366
; Patent No. 5972656
; GENERAL INFORMATION:
; APPLICANT: Lopez, Osvaldo
; APPLICANT: Wylie, Dwane E.
; TITLE OF INVENTION: Mercury Binding Polypeptides and Nucleotides Coding Therefore
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merchant & Gould
; STREET: 90 South 7th Street, 3100 No. 5972656west Ctr.
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/888,366
; FILING DATE: 03-JUL-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/187,407
; FILING DATE: 27-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/990,542
; FILING DATE: 14-DEC-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/493,299
; FILING DATE: 14-MAR-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/324,392
; FILING DATE: 14-MAR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Carter, Charles G.
; REGISTRATION NUMBER: 35,093
; REFERENCE/DOCKET NUMBER: 8648.39USCI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-332-5300
; TELEFAX: 612-332-9081
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 114 amino acids
; TYPE: amino acid
; TOPOLOGY: linear

Sequence 13392, A
Sequence 31551, A
Sequence 19, Appl
Sequence 2, Appl
Sequence 7938, Ap
Sequence 7887, Ap
Sequence 6176, Ap
Sequence 33, Appl
Sequence 33, Appl
Sequence 4, Appl
Sequence 5, Appl
Sequence 20, Appl
Sequence 15, Appl
Sequence 65, Appl
Sequence 65, Appl
Sequence 65, Appl
Sequence 4013, Ap

521 4 US-09-489-039A-13392
94 4 US-09-252-991A-31551
275 4 US-08-645-193B-19
421 3 US-09-239-303-2
490 4 US-09-543-681A-7938
508 4 US-09-489-039A-7887
511 4 US-09-328-352-6176
557 2 US-08-793-229-33
557 3 US-09-285-957-33
557 4 US-08-962-281-4
846 1 US-07-731-157A-5
846 2 US-08-541-780-5
5 4 US-09-424-712-20
69 4 US-09-308-003-15
119 1 US-08-300-386A-65
119 3 US-08-931-645-65
119 5 PCT-US95-11235-65
130 4 US-09-621-976-4013

28 31 83.8
29 30 81.1
30 30 81.1
31 30 81.1
32 30 81.1
33 30 81.1
34 30 81.1
35 30 81.1
36 30 81.1
37 30 81.1
38 30 81.1
39 30 81.1
40 29 78.4
41 29 78.4
42 29 78.4
43 29 78.4
44 29 78.4
45 29 78.4

MOLECULE TYPE: protein
US-08-888-366-8
Query Match 91.9%; Score 34; DB 2; Length 114;
Best Local Similarity 83.3%; Pred. No. 17;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 TGYIYH 6
DB 24 TGYVNH 29
RESULT 2
US-08-545-809A-90
; Sequence 90, Application US/08545809A
; Patent No. 6096878
; GENERAL INFORMATION:
; APPLICANT: Honjo, Tasuku
; APPLICANT: Matsuda, Fumihiko
; TITLE OF INVENTION: HUMAN IMMUNOGLOBULIN VH GENE
; TITLE OF INVENTION: SEGMENTS AND DNA FRAGMENTS CONTAINING THE SAME
; NUMBER OF SEQUENCES: 145
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: Fast-Seq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/545,809A
; FILING DATE: 27-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP93/00603
; FILING DATE: 10-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Freeman, John W.
; REGISTRATION NUMBER: 29,066
; REFERENCE/DOCKET NUMBER: 06501/004001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 90:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 117 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-545-809A-90
Query Match 91.9%; Score 34; DB 3; Length 117;
Best Local Similarity 83.3%; Pred. No. 17;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 TGYIYH 6
DB 49 TGYVNH 54
RESULT 3
US-08-477-877B-94
; Sequence 94, Application US/08477877B
; Patent No. 5730979
; GENERAL INFORMATION:
; APPLICANT: Bazin, Herv
; APPLICANT: Latinne, Dominique
; TITLE OF INVENTION: LO-CD2a Antibody and Uses Thereof for Inhibiting T-Cell Activation
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
; ADDRESSEE: Cecchi, Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,877B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/407,009
; FILING DATE: 29-MAR-1995
; APPLICATION NUMBER: 08/119,032
; FILING DATE: 09-SEP-1993
; APPLICATION NUMBER: 08/027,008
; FILING DATE: 05-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliot M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 61750-146
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 94:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 123 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: polypeptide
; FEATURE:
; NAME/KEY: Human Amu 5-3 heavy chain variable region.
US-08-477-877B-94
Query Match 91.9%; Score 34; DB 1; Length 123;
Best Local Similarity 83.3%; Pred. No. 18;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 TGYIYH 6
DB 30 TGYVNH 35
RESULT 4
US-08-472-281A-94
; Sequence 94, Application US/08472281A
; Patent No. 5817311
; GENERAL INFORMATION:
; APPLICANT: Bazin, Herv
; APPLICANT: Latinne, Dominique
; TITLE OF INVENTION: LO-CD2a Antibody and Uses Thereof for Inhibiting T-Cell Activation
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
; ADDRESSEE: Cecchi, Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS

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/ SOFTWARE: WordPerfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/472.281A
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 424
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/407,009
/ FILING DATE: 29-MAR-1995
/ APPLICATION NUMBER: 08/119,032
/ FILING DATE: 09-SEP-1993
/ APPLICATION NUMBER: 08/027,008
/ FILING DATE: 05-MAR-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Olstein, Elliot M.
/ REGISTRATION NUMBER: 24,025
/ REFERENCE/DOCKET NUMBER: 61750-142
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 201-994-1700
/ TELEFAX: 201-994-1744
/ INFORMATION FOR SEQ ID NO: 94:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 123 amino acids
/ TYPE: amino acid
/ STRANDEDNESS:
/ TOPOLOGY: linear
/ MOLECULE TYPE: polypeptide
/ FEATURE:
/ NAME/KEY: Human Amu 5-3 heavy chain variable region.
/
/ US-08-472-281A-94
/
/ Query Match 91.9%; Score 34; DB 2; Length 123;
/ Best Local Similarity 83.3%; Pred. No. 18;
/ Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
/
/ QY 1 TGYIYH 6
/ DB 30 TGYIYH 35
/
/ RESULT 5
/ US-08-477-989B-94
/ Sequence 94, Application US/08477989B
/ Patent No. 5951983
/ GENERAL INFORMATION:
/ APPLICANT: Bazin, Herv
/ APPLICANT: Latrine, Dominique
/ APPLICANT: Kaplan, Ruth
/ APPLICANT: Kieber-Emmons, Thomas
/ APPLICANT: Postema, Christina E.
/ APPLICANT: White-Scharf, Mary
/ TITLE OF INVENTION: LO-CD2a Antibody and Uses
/ TITLE OF INVENTION: Thereof for inhibiting
/ TITLE OF INVENTION: T-Cell Activation and
/ TITLE OF INVENTION: Proliferation
/ NUMBER OF SEQUENCES: 96
/ CORRESPONDENCE ADDRESS:
/ ADDRESSES: Carelia, Byrne, Bain, Gilfillan,
/ ADDRESSES: Cecchi, Stewart & Olstein
/ STREET: 6 Becker Farm Road
/ CITY: Roseland
/ STATE: New Jersey
/ COUNTRY: U.S.A.
/ ZIP: 07068
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch diskette
/ COMPUTER: IBM PS/2
/ OPERATING SYSTEM: MS-DOS
/ SOFTWARE: WordPerfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/477,989B
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 424
/ PRIOR APPLICATION DATA:
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/
/ APPLICATION NUMBER: 08/407,009
/ FILING DATE: 29-MAR-1995
/ APPLICATION NUMBER: 08/119,032
/ FILING DATE: 09-SEP-1993
/ APPLICATION NUMBER: 08/027,008
/ FILING DATE: 05-MAR-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Olstein, Elliot M.
/ REGISTRATION NUMBER: 24,025
/ REFERENCE/DOCKET NUMBER: 61750-147
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 201-994-1700
/ TELEFAX: 201-994-1744
/ INFORMATION FOR SEQ ID NO: 94:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 123 amino acids
/ TYPE: amino acid
/ STRANDEDNESS:
/ TOPOLOGY: linear
/ MOLECULE TYPE: polypeptide
/ FEATURE:
/ NAME/KEY: Human Amu 5-3 heavy chain variable
/ NAME/KEY: region.
/
/ US-08-477-989B-94
/
/ Query Match 91.9%; Score 34; DB 2; Length 123;
/ Best Local Similarity 83.3%; Pred. No. 18;
/ Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
/
/ QY 1 TGYIYH 6
/ DB 30 TGYIYH 35
/
/ RESULT 6
/ US-09-257-069-2
/ Sequence 2, Application US/09257069
/ Patent No. 6348580
/ GENERAL INFORMATION:
/ APPLICANT: Medical & Biological Laboratories Co., Ltd.
/ TITLE OF INVENTION: Monoclonal Antibody Specific for
/ TITLE OF INVENTION: Phosphatidylinositol-3,4,5-Triphosphate
/ FILE REFERENCE: M3-008-US
/ CURRENT APPLICATION NUMBER: US/09/257,069
/ CURRENT FILING DATE: 1999-02-24
/ PRIOR APPLICATION NUMBER: JP 1998-252921
/ PRIOR FILING DATE: 1998-09-07
/ NUMBER OF SEQ ID NOS: 10
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 2
/ LENGTH: 124
/ TYPE: PRT
/ ORGANISM: Mus musculus
/
/ US-09-257-069-2
/
/ Query Match 91.9%; Score 34; DB 4; Length 124;
/ Best Local Similarity 83.3%; Pred. No. 18;
/ Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
/
/ QY 1 TGYIYH 6
/ DB 30 TGYIYH 35
/
/ RESULT 7
/ US-08-230-843-4
/ Sequence 4, Application US/08230843
/ Patent No. 5582826
/ GENERAL INFORMATION:
/ APPLICANT: SHIMAMURA, TOSHIRO
/ APPLICANT: HAMURO, JUNJI
/ APPLICANT: NAKAZAWA, HARUMI
/ APPLICANT: KANAYAMA, YUKA
```

APPLICANT: SUGAMURA, KAZUO
APPLICANT: TAKESHITA, TOSHIKAZU
TITLE OF INVENTION: IMMUNOSUPPRESSANT
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESS: P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/230,843
FILING DATE: 21-APR-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 094491/1993
FILING DATE: 21-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 036065/1994
FILING DATE: 07-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5582826man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 0010-0674-OX
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 243 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-230-843-4

Query Match 91.9%; Score 34; DB 1; Length 243;
Best Local Similarity 83.3%; Pred. No. 36;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 TGYIYH 6
Db 152 TGYIYH 157

RESULT 8
US-08-636-936-4
Sequence 4, Application US/08636936
Patent No. 5856140
GENERAL INFORMATION:
APPLICANT: SHIMAMURA, TOSHIRO
APPLICANT: HAMURO, JUNJI
APPLICANT: KAKAWA, HARUMI
APPLICANT: KANAYAMA, YUKA
APPLICANT: SUGAMURA, KAZUO
APPLICANT: TAKESHITA, TOSHIKAZU
TITLE OF INVENTION: IMMUNOSUPPRESSANT
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESS: P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/636,936
FILING DATE: 24-APR-1996
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/230,843
FILING DATE: 21-APR-1994
APPLICATION NUMBER: JP 094491/1993
FILING DATE: 21-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 036065/1994
FILING DATE: 07-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5856140man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 0010-0674-OX
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 243 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-636-936-4

Query Match 91.9%; Score 34; DB 2; Length 243;
Best Local Similarity 83.3%; Pred. No. 36;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 TGYIYH 6
Db 152 TGYIYH 157

RESULT 9
US-09-423-439-38
Sequence 38, Application US/09423439
Patent No. 6339070
GENERAL INFORMATION:
APPLICANT: EMERY, Stephen Charles
BLAKEY, David Charles
TITLE OF INVENTION: CHEMICAL COMPOUNDS
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pillsbury Winthrop, L.L.P.
STREET: 1100 New York Ave., N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MS Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/423,439
FILING DATE: 09-NO. 6339070-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01294
FILING DATE: 05-MAY-1998
APPLICATION NUMBER: GB 9709421.3
FILING DATE: 10-MAY-1997
INFORMATION FOR SEQ ID NO: 38:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 288 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-09-423-439-38

Query Match 86.5%; Score 32; DB 4; Length 288;
Best Local Similarity 83.3%; Pred. No. 1.e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIHH 6
DB 52 TGYIHH 57

RESULT 10
US-08-353-400-33
; Sequence 33, Application US/08353400
; Patent No. 5665357
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: PROTEINS
; NUMBER OF SEQUENCES: 37
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/353,400
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9324819.3
; FILING DATE: 03-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9411089.7
; FILING DATE: 03-JUN-1994
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 445 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-353-400-33

Query Match 86.5%; Score 32; DB 1; Length 445;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIHH 6
DB 30 TGYIHH 35

RESULT 11
US-08-353-400-36
; Sequence 36, Application US/08353400
; Patent No. 5665357
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: PROTEINS
; NUMBER OF SEQUENCES: 37
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/353,400
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9324819.3
; FILING DATE: 03-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9411089.7
; FILING DATE: 03-JUN-1994
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 464 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-353-400-36

Query Match 86.5%; Score 32; DB 1; Length 464;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIHH 6
DB 49 TGYIHH 54

RESULT 12
US-09-370-807-4
; Sequence 4, Application US/09370807
; Patent No. 6297034
; GENERAL INFORMATION:
; APPLICANT: Cahoon, Rebecca E.
; APPLICANT: Falco, S. Carl
; APPLICANT: Rafalski, J. Antoni
; APPLICANT: Sakai, Hajime
; TITLE OF INVENTION: N-End Rule Pathway Enzymes
; FILE REFERENCE: BB-1199
; CURRENT APPLICATION NUMBER: US/09/370,807
; CURRENT FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: 60/096,225
; EARLIER FILING DATE: August 12, 1998
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 4
; LENGTH: 585
; TYPE: PRT
; ORGANISM: Triticum aestivum
US-09-370-807-4

Query Match 86.5%; Score 32; DB 3; Length 585;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GYIHH 6
DB 409 GYIHH 413

RESULT 13
US-09-921-259-4
; Sequence 4, Application US/09921259
; Patent No. 6463234
; GENERAL INFORMATION:
; APPLICANT: Cahoon, Rebecca E.
; APPLICANT: Falco, S. Carl
; APPLICANT: Rafalski, J. Antoni
; APPLICANT: Sakai, Hajime
; TITLE OF INVENTION: N-End Rule Pathway Enzymes
; FILE REFERENCE: BB-1199
; CURRENT APPLICATION NUMBER: US/09/921,259
; CURRENT FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/096,225

; PRIOR FILING DATE: August 12, 1998
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 4
; LENGTH: 585
; TYPE: PRT
; ORGANISM: Triticum aestivum
US-09-921-259-4

Query Match 86.5%; Score 32; DB 4; Length 585;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GYIHH 6
Db 409 GYIHH 413

RESULT 14
US-09-370-807-2
; Sequence 2, Application US/09370807
; Patent No. 6297034
; GENERAL INFORMATION:
; APPLICANT: Cahoon, Rebecca E.
; APPLICANT: Falco, S. Carl
; APPLICANT: Rafalski, J. Antoni
; APPLICANT: Sakai, Hajime
; TITLE OF INVENTION: N-End Rule Pathway Enzymes
; FILE REFERENCE: BB-1199
; CURRENT APPLICATION NUMBER: US/09/370,807
; CURRENT FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: 60/096,225
; EARLIER FILING DATE: August 12, 1998
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 2
; LENGTH: 611
; TYPE: PRT
; ORGANISM: Glycine max
US-09-370-807-2

Query Match 86.5%; Score 32; DB 3; Length 611;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GYIHH 6
Db 441 GYIHH 445

RESULT 15
US-09-921-259-2
; Sequence 2, Application US/09921259
; Patent No. 6465234
; GENERAL INFORMATION:
; APPLICANT: Cahoon, Rebecca E.
; APPLICANT: Falco, S. Carl
; APPLICANT: Rafalski, J. Antoni
; APPLICANT: Sakai, Hajime
; TITLE OF INVENTION: N-End Rule Pathway Enzymes
; FILE REFERENCE: BB-1199
; CURRENT APPLICATION NUMBER: US/09/921,259
; CURRENT FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/096,225
; PRIOR FILING DATE: August 12, 1998
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 2
; LENGTH: 611
; TYPE: PRT
; ORGANISM: Glycine max
US-09-921-259-2

Query Match 86.5%; Score 32; DB 4; Length 611;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GYIHH 6
Db 441 GYIHH 445

Search completed: March 8, 2004, 15:30:07
Job time : 1.91304 secs

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80 NQKFKGKATLTVDKSSSTAYMHLSSLTSEDSAVYVCARGNRFAYWGQTLTVSA 135

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RESULT 3
S-08-116-778E-3

GENERAL INFORMATION:
APPLICANT: NAKAMURA, KAZUYASU
APPLICANT: KOIKE, MASAMICHI

APPLICANT: HANAI, NOBUO
 APPLICANT: KIWANA, YOSHIHISA
 APPLICANT: HASEGAWA, MAMORU
 TITLE OF INVENTION: HUMANIZED ANTIBODIES
 NUMBER OF SEQUENCES: 49
 CORRESPONDENCE ADDRESS:

CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.225
CURRENT APPLICATION DATA: US/08/116,778E
APPLICATION NUMBER: US/08/116,778E
FILING DATE: 07-SEP-93
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: WILSON, MARY J.

REGISTRATION NUMBER: 32,955
REFERENCE/DOCKET NUMBER: 249-59
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4000
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
SEQUENCE: 1-27 amino acids

LENGTH: 157 amino acids
 TYPE: amino acids
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FEATURE:
 NAME/KEY: sig_peptide
 LOCATION: -19..-1
 IDENTIFICATION METHOD:

| | |
|------------------------|--|
| FEATURE: | |
| NAME/KEY: | domain |
| LOCATION: | 31..35 |
| IDENTIFICATION METHOD: | BY SIMILARITY |
| IDENTIFICATION METHOD: | WITH KNOWN SEQUENCE OR TO AN ESTABLISHED CONSENSUS |

IDENTIFICATION METHOD: CONSENSUS
OTHER INFORMATION: /product= "HYPERVARIABLE REGION 1"
FEATURES:
NAME/KEY: domain
LOCATION: 55..66
IDENTIFICATION METHOD: BY SIMILARITY
IDENTIFICATION METHOD: WITH KNOWN SEQUENCE OR TO AN ESTABLISHED


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IDENTIFICATION METHOD: CONSENSUS
OTHER INFORMATION: /product= "HYPERVARIABLE REGION 2"
FEATURE:
NAME/KEY: domain
LOCATION: 99..107
IDENTIFICATION METHOD: BY SIMILARITY
IDENTIFICATION METHOD: WITH KNOWN SEQUENCE OR TO AN ESTABLISHED
IDENTIFICATION METHOD: CONSENSUS
OTHER INFORMATION: /product= "HYPERVARIABLE REGION 3"
US-08-116-778E-3

Query Match      80.0%; Score 488; DB 2; Length 137;
Best Local Similarity 79.7%; Pred. No. 3.7e-40;
Matches 94; Conservative 7; Mismatches 13; Indels 4; Gaps 1;

QY 1 EVLQOQSGPDLVKPGASVKISCKASGYSFTGYIHWKQSHGKSLWIGRVIENGGTSY 60
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 20 EVLQOQSGPELVKPGASVKISCKASGYTFDYNMDWKQSHGKSLWIGYIYNNGGTGY 79
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 61 NQKPKGKAILTVDKSSSTAYMELSLTSEDSAVVYCARAGIYV---WGHGTLTVSS 114
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 80 NQKFKSKATLTVDKSSSTAYMELSLTSEDSAVVYCARAGRYYYANDWGQGLTVTVSA 137
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

RESULT 4
US-08-438-562-3
Sequence 3, Application US/08438562
Patent No. 5874255
GENERAL INFORMATION:
APPLICANT: NAKAMURA, KAZUYASU
APPLICANT: KOIKE, MASAMICHI
APPLICANT: SHITARA, KENYA
APPLICANT: HANAI, NOBUO
APPLICANT: KUWANA, YOSHIHISA
APPLICANT: HASEGAWA, MAMORU
TITLE OF INVENTION: HUMANIZED ANTIBODIES
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESS: NIXON & VANDERHUYE P. C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/438,562
FILING DATE: 10-MAY-95
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/116,778
FILING DATE: 07-SEP-93
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: WILSON, MARY J.
REGISTRATION NUMBER: 32,955
REFERENCE/DOCKET NUMBER: 249-76
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4000
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 137 amino acids
TYPE: amino acids
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: sig_peptide
LOCATION: -19...-1
```

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IDENTIFICATION METHOD: BY SIMILARITY
IDENTIFICATION METHOD: WITH KNOWN SEQUENCE OR TO AN ESTABLISHED
IDENTIFICATION METHOD: CONSENSUS
FEATURE:
NAME/KEY: domain
LOCATION: 31..35
IDENTIFICATION METHOD: BY SIMILARITY
IDENTIFICATION METHOD: WITH KNOWN SEQUENCE OR TO AN ESTABLISHED
IDENTIFICATION METHOD: CONSENSUS
OTHER INFORMATION: /product= "HYPERVARIABLE REGION 1"

NAME/KEY: domain
LOCATION: 55..66
IDENTIFICATION METHOD: BY SIMILARITY
IDENTIFICATION METHOD: WITH KNOWN SEQUENCE OR TO AN ESTABLISHED
IDENTIFICATION METHOD: CONSENSUS
OTHER INFORMATION: /product= "HYPERVARIABLE REGION 2"

NAME/KEY: domain
LOCATION: 99..107
IDENTIFICATION METHOD: BY SIMILARITY
IDENTIFICATION METHOD: WITH KNOWN SEQUENCE OR TO AN ESTABLISHED
IDENTIFICATION METHOD: CONSENSUS
OTHER INFORMATION: /product= "HYPERVARIABLE REGION 3"
US-08-438-562-3

Query Match      80.0%; Score 488; DB 2; Length 137;
Best Local Similarity 79.7%; Pred. No. 3.7e-40;
Matches 94; Conservative 7; Mismatches 13; Indels 4; Gaps 1;

QY 1 EVLQOQSGPDLVKPGASVKISCKASGYSFTGYIHWKQSHGKSLWIGRVIENGGTSY 60
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 20 EVLQOQSGPELVKPGASVKISCKASGYTFDYNMDWKQSHGKSLWIGYIYNNGGTGY 79
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 61 NQKPKGKAILTVDKSSSTAYMELSLTSEDSAVVYCARAGIYV---WGHGTLTVSS 114
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 80 NQKFKSKATLTVDKSSSTAYMELSLTSEDSAVVYCARAGRYYYANDWGQGLTVTVSA 137
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

RESULT 5
US-08-483-528B-93
Sequence 93, Application US/08483528B
Patent No. 5939532
GENERAL INFORMATION:
APPLICANT: NAKAMURA, KAZUYASU
APPLICANT: KOIKE, MASAMICHI
APPLICANT: SHITARA, KENYA
APPLICANT: HANAI, NOBUO
APPLICANT: KUWANA, YOSHIHISA
APPLICANT: HASEGAWA, MAMORU
TITLE OF INVENTION: HUMANIZED ANTIBODIES
NUMBER OF SEQUENCES: 103
CORRESPONDENCE ADDRESS:
ADDRESS: NIXON & VANDERHUYE P. C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,528B
FILING DATE: 07-JUN-95
CLASSIFICATION: 536
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4000
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 93:
SEQUENCE CHARACTERISTICS:
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; FILING DATE: 23-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/216,534
; FILING DATE: 23-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolis, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: CASE-02280
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 301 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
JS-09-217-847-25

Query Match 79.8%; Score 487.5; DB 3; Length 301;
Best Local Similarity 79.3%; Pred. No. 1e-39; Indels 7; Gaps 1;
Matches 96; Conservative 5; Mismatches 13;

2Y 1 EVQLQQSGPDLVPGASVKISKASGYSTGYIHWVKQSHGSKLEWIGRVPNNGGTSY 60
2b 127 EVQLQQSGPDLVPGASVKISKCTSGYTFIEYTHMWVKQSHGSKLEWIGINPNNGGTSY 186
2Y 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAR--EGIY-----WWHGHTLTVS 113
2b 187 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYSCARYRYRVDVLSAMDYWGQGTTLTVS 246
2Y 114 S 114
2b 247 S 247

RESULT 8
JS-09-647-468-139
; Sequence 139, Application US/09647468
; Patent No. 6677436
; GENERAL INFORMATION:
; APPLICANT: SATO, KOH
; APPLICANT: ADACHI, HIDEKI
; APPLICANT: YABUTA, NACHIRO
; TITLE OF INVENTION: HUMANIZED ANTIBODY AGAINST HUMAN TISSUE FACTOR (TF) AND
; TITLE OF INVENTION: PROCESS OF PRODUCTION OF THE HUMANIZED ANTIBODY
; FILE REFERENCE: 053466/0289
; CURRENT APPLICATION NUMBER: US/09/647,468
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: PCT/JP99/01768
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: JP 10-91850
; NUMBER OF SEQ ID NOS: 183
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 139
; LENGTH: 118
; TYPE: PRT
; ORGANISM: Mus sp.
; FEATURE:
; OTHER INFORMATION: Amino acid sequence of H chain V region of anti-TF
; OTHER INFORMATION: mouse monoclonal antibody ATR-2
JS-09-647-468-139

Query Match 79.8%; Score 487; DB 4; Length 118;
Best Local Similarity 80.5%; Pred. No. 3.9e-40;
Matches 95; Conservative 8; Mismatches 11; Indels 4; Gaps 2;

2Y 1 EVQLQQSGPDLVPGASVKISKASGYSTGYIHWVKQSHGSKLEWIGRVPNNGGTSY 60
2b 1 EIQQQSGPELVKPGASVKVSKASGYSTGYIHWVKQSHGSKLEWIGYIDPYNGGTIY 60
2Y 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAR--EGIY--WWHGHTLTVS 114
2b 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCARGEGYYFDYWGQGTTLTVSS 118

RESULT 9
JS-09-647-468-140
; Sequence 140, Application US/09647468
; Patent No. 6677436
; GENERAL INFORMATION:
; APPLICANT: SATO, KOH
; APPLICANT: ADACHI, HIDEKI
; APPLICANT: YABUTA, NACHIRO
; TITLE OF INVENTION: HUMANIZED ANTIBODY AGAINST HUMAN TISSUE FACTOR (TF) AND
; TITLE OF INVENTION: PROCESS OF PRODUCTION OF THE HUMANIZED ANTIBODY
; FILE REFERENCE: 053466/0289
; CURRENT APPLICATION NUMBER: US/09/647,468
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: PCT/JP99/01768
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: JP 10-91850
; NUMBER OF SEQ ID NOS: 183
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 140
; LENGTH: 118
; TYPE: PRT
; ORGANISM: Mus sp.
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Amino acid
; OTHER INFORMATION: sequence coding for H chain V region of ant-TF
; OTHER INFORMATION: mouse monoclonal antibody ATR-2
US-09-647-468-153
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; FILING DATE: 23-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/216,534
; FILING DATE: 23-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolis, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: CASE-02280
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 301 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
JS-09-217-847-25

Query Match 79.8%; Score 487; DB 4; Length 118;
Best Local Similarity 80.5%; Pred. No. 3.9e-40;
Matches 95; Conservative 8; Mismatches 11; Indels 4; Gaps 2;

2Y 1 EVQLQQSGPDLVPGASVKISKASGYSTGYIHWVKQSHGSKLEWIGRVPNNGGTSY 60
2b 1 EIQQQSGPELVKPGASVKVSKASGYSTGYIHWVKQSHGSKLEWIGYIDPYNGGTIY 60
2Y 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAR--EGIY--WWHGHTLTVS 114
2b 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCARGEGYYFDYWGQGTTLTVSS 118

RESULT 9
US-09-647-468-153
; Sequence 153, Application US/09647468
; Patent No. 6677436
; GENERAL INFORMATION:
; APPLICANT: SATO, KOH
; APPLICANT: ADACHI, HIDEKI
; APPLICANT: YABUTA, NACHIRO
; TITLE OF INVENTION: HUMANIZED ANTIBODY AGAINST HUMAN TISSUE FACTOR (TF) AND
; TITLE OF INVENTION: PROCESS OF PRODUCTION OF THE HUMANIZED ANTIBODY
; FILE REFERENCE: 053466/0289
; CURRENT APPLICATION NUMBER: US/09/647,468
; CURRENT FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: PCT/JP99/01768
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: JP 10-91850
; NUMBER OF SEQ ID NOS: 183
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 153
; LENGTH: 137
; TYPE: PRT
; ORGANISM: Mus sp.
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Amino acid
; OTHER INFORMATION: sequence coding for H chain V region of ant-TF
; OTHER INFORMATION: mouse monoclonal antibody ATR-2
US-09-647-468-153
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Query Match 79.8%; Score 487; DB 4; Length 137;
Best Local Similarity 80.5%; Pred. No. 4.6e-40;
Matches 95; Conservative 8; Mismatches 11; Indels 4; Gaps 2;

QY 1 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLGWIGRVIPNNGTSTY 60
DB 20 EILOQSGPELVKPGASVKISCKASGYSTGYIHWKQSHGKSLGWIGRVIPNNGTSTY 79
QY 61 NQKFKGKAILTVDKSSSTAYMELRSLTSEDSAVVYCAR--EGIY--WVGHGTTLTVSS 114
DB 80 NQKFKGKATLTVDKSSSTAFMHLNSLTSEDSAVVYCARGGEGYFYDWGQGTTLTVSS 137

RESULT 11
US-09-647-468-154
; Sequence 154, Application US/09647468
; Patent No. 6677436
; GENERAL INFORMATION:
; APPLICANT: SATO, KOH
; APPLICANT: ADACHI, HIDEKI
; APPLICANT: YABUTA, NAOHRO
; TITLE OF INVENTION: HUMANIZED ANTIBODY AGAINST HUMAN TISSUE FACTOR (TF) AND
; FILE REFERENCE: 053466/0289
; CURRENT APPLICATION NUMBER: US/09/647,468
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: PCR/JF99/01768
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: JP 10-91850
; PRIOR FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 183
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 154
; LENGTH: 137
; TYPE: PRT
; ORGANISM: Mus sp.
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Amino acid
; OTHER INFORMATION: sequence coding for H chain V region of ant-TF
; OTHER INFORMATION: mouse monoclonal antibody ATR-3
US-09-647-468-154

Query Match 79.8%; Score 487; DB 4; Length 137;
Best Local Similarity 80.5%; Pred. No. 4.6e-40;
Matches 95; Conservative 8; Mismatches 11; Indels 4; Gaps 2;

QY 1 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLGWIGRVIPNNGTSTY 60
DB 20 EILOQSGPELVKPGASVKISCKASGYSTGYIHWKQSHGKSLGWIGRVIPNNGTSTY 79
QY 61 NQKFKGKAILTVDKSSSTAYMELRSLTSEDSAVVYCAR--EGIY--WVGHGTTLTVSS 114
DB 80 NQKFKGKATLTVDKSSSTAFMHLNSLTSEDSAVVYCARGGEGYFYDWGQGTTLTVSS 137

RESULT-12
US-08-202-047-21
; Sequence 21, Application US/08202047
; Patent No. 580815
; GENERAL INFORMATION:
; APPLICANT: CHESNUT, Robert W.
; APPLICANT: POLLEY, Margaret J.
; APPLICANT: PAULSON, James C.
; APPLICANT: JONES, S. Tarran
; APPLICANT: SALDANHA, Jose W.
; APPLICANT: BENDIG, Mary M.
; TITLE OF INVENTION: Antibodies to P-Selectin and Their Uses
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
```

```
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/202,047
FILING DATE: 25-FEB-1994
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 14137-77
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 128 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..128
OTHER INFORMATION: /label= MOUSE_I1A
US-08-202-047-21

Query Match 79.5%; Score 485; DB 1; Length 128;
Best Local Similarity 74.2%; Pred. No. 6.6e-40;
Matches 95; Conservative 8; Mismatches 11; Indels 14; Gaps 1;

QY 1 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLGWIGRVIPNNGTSTY 60
DB 1 EVLOQSGPELVKPGASVKISCKASGYSTGYIHWKQSHGKSLGWIGRVIPNNGTSTY 60
QY 61 NQKFKGKAILTVDKSSSTAYMELRSLTSEDSAVVYCARGGIY-----WVGH 106
DB 61 NQKFKGKATLTVDKSSSTAYMELRSLTSEDSAVVYCARGGYSSSYMXAXXYAFDYWGQ 120

QY 107 GTTLTVSS 114
DB 121 GTTLTVSS 128

RESULT 13
US-08-964-690-21
; Sequence 21, Application US/08964690
; Patent No. 6033667
; GENERAL INFORMATION:
; APPLICANT: CHESNUT, Robert W.
; APPLICANT: POLLEY, Margaret J.
; APPLICANT: PAULSON, James C.
; APPLICANT: JONES, S. Tarran
; APPLICANT: SALDANHA, Jose W.
; APPLICANT: BENDIG, Mary M.
; TITLE OF INVENTION: Antibodies to P-Selectin and Their Uses
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/964,690
FILING DATE: 06-MAY-1996
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/202,047
FILING DATE: 25-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 14137-77
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 128 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..128
OTHER INFORMATION: /label= MOUSE_IIA
US-08-964-690-21

Query Match 79.5%; Score 485; DB 3; Length 128;
Best Local Similarity 74.2%; Pred. No. 6.6e-40;
Matches 95; Conservative 8; Mismatches 11; Indels 14; Gaps 1;

QY 1 EVLQSQGPDIVKPGASVKISKASGYFTGYTHWVKQSHGKSLWIGRVIPNNGTSTY 60
Db 1 EVLQSQGPELVKPGASVKISKASGYFTDYNNWVKQSPGKSLWIGDINPONGTSTY 60
QY 61 NQKFKGKALTVDKSSSTAYMELSLTSDSAVYVCAREGIY-----WVGH 106
Db 61 NQKFKGKALTVDKSSSTAYMQLSLTSDSAVYVCAREGIYSSYMKAXXYAFDWGQ 120
QY 107 GTTLTVSS 114
Db 121 GTTVTVSS 128

RESULT 14
US-08-838-682-8
Sequence 8, Application US/08838682
Patent No. 6107090
GENERAL INFORMATION:
APPLICANT: Bander M.D., Neil H.
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE
TITLE OF INVENTION: CANCER
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester
STATE: New York
COUNTRY: U.S.A.
ZIP: 14603-1051
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,682
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/016,976
FILING DATE: 06-MAY-1996

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/022,125
FILING DATE: 18-JUL-1996
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1172
TELEPHONE: (716) 263-1304
TELEFAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 115 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-838-682-8

Query Match 79.3%; Score 483.5; DB 3; Length 115;
Best Local Similarity 80.9%; Pred. No. 8.2e-40;
Matches 93; Conservative 8; Mismatches 13; Indels 1; Gaps 1;

QY 1 EVLQSQGPDIVKPGASVKISKASGYFTGYTHWVKQSHGKSLWIGRVIPNNGTSTY 60
Db 1 EVLQSQGPELVKPGTSVRISCKTSGYTFTEYTHWVKQSHGKSLWIGNINPNNGTSTY 60
QY 61 NQKFKGKALTVDKSSSTAYMELSLTSDSAVYVCAREGIY-WVGHGTTTLTVSS 114
Db 61 NQKFKGKALTVDKSSSTAYMELSLTSDSAVYCAAGWNFYWGQGTTLTVSS 115

RESULT 15
US-08-895-914-8
Sequence 8, Application US/08895914
Patent No. 6136311
GENERAL INFORMATION:
APPLICANT: Bander, Neil H.
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester
STATE: New York
COUNTRY: U.S.A.
ZIP: 14603-1051
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/895,914
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/016,976
FILING DATE: 06-MAY-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/022,125
FILING DATE: 18-JUL-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/838,682
FILING DATE: 09-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1173
TELEPHONE: (716) 263-1304
TELEFAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 8:

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;
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 115 amino acids
;   TYPE: amino acid
;   STRANDEDNESS:
;   TOPOLOGY: linear
; MOLECULE TYPE: protein
;
US-08-895-914-8
Query Match 79.3%; Score 483.5; DB 3; Length 115;
Best Local Similarity 80.9%; Pred. NO. 8.2e-40;
Matches 93; Conservative 8; Mismatches 13; Indels 1; Gaps 1;

QY 1 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWVKQSHGKSLIEWIGRVPNNGGTSY 60
Db 1 EVLOQSGPELVKPGTSVRISCKTSGYTFETIHWVKQSHGKSLIEWIGNINPNNGGTY 60

QY 61 NQKFKGKAILTVDKSSSTAYMELRLSITSEDSAVYYCAREGIY-WMGHGTTILTVSS 114
Db 61 NQKFEDKATLTVDKSSSTAYMELRLSITSEDSAVYYCAAGWNPFDYWGQGTTLTVSS 115

Search completed: March 8, 2004, 15:30:07
Job time : 37.3478 secs
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GenCore version 5.1.6
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CM protein - protein search, using sw model

Run on: March 8, 2004, 15:02:19 ; Search time 2.23188 Seconds
(without alignments)
161.918 Million cell updates/sec

Title: US-09-724-530-4

Perfect score: 34

Sequence: 1 TVSNRPS 7

Scoring table: BLOSUM62

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Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA:*

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2: /cgn2_6/ptodata/2/iaa/5B COMB.pcp.*

3: /cgn2_6/ptodata/2/iaa/6A COMB.pcp.*

4: /cgn2_6/ptodata/2/iaa/6B COMB.pcp.*

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6: /cgn2_6/ptodata/2/iaa/backfiles1.pcp.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| result No. | Score | Query Match | Length | DB ID | Description |
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| 1 | 29 | 85.3 | 7 | 1 | US-08-244-626-6 |
| 2 | 29 | 85.3 | 7 | 1 | US-08-053-171-28 |
| 3 | 29 | 85.3 | 7 | 2 | US-08-560-558B-30 |
| 4 | 29 | 85.3 | 7 | 4 | US-09-217-268B-30 |
| 5 | 29 | 85.3 | 23 | 5 | PCT-US91-02942-23 |
| 6 | 29 | 85.3 | 23 | 5 | PCT-US91-02942-39 |
| 7 | 29 | 85.3 | 31 | 4 | US-08-525-539A-15 |
| 8 | 29 | 85.3 | 34 | 4 | US-08-525-539A-17 |
| 9 | 29 | 85.3 | 50 | 5 | PCT-US91-02942-8 |
| 10 | 29 | 85.3 | 50 | 5 | PCT-US91-02942-9 |
| 11 | 29 | 85.3 | 65 | 2 | US-08-273-146-51 |
| 12 | 29 | 85.3 | 104 | 3 | US-08-881-037-37 |
| 13 | 29 | 85.3 | 110 | 1 | US-08-244-626-2 |
| 14 | 29 | 85.3 | 110 | 4 | US-09-025-769B-33 |
| 15 | 29 | 85.3 | 110 | 4 | US-09-025-769B-53 |
| 16 | 29 | 85.3 | 111 | 1 | US-07-942-245-25 |
| 17 | 29 | 85.3 | 111 | 1 | US-07-942-245-27 |
| 18 | 29 | 85.3 | 111 | 1 | US-07-942-245-29 |
| 19 | 29 | 85.3 | 111 | 1 | US-07-942-245-31 |
| 20 | 29 | 85.3 | 112 | 1 | US-08-053-171-15 |
| 21 | 29 | 85.3 | 112 | 1 | US-08-331-398A-48 |
| 22 | 29 | 85.3 | 112 | 1 | US-08-331-398A-50 |
| 23 | 29 | 85.3 | 112 | 1 | US-08-478-039-88 |
| 24 | 29 | 85.3 | 112 | 1 | US-08-077-252B-3 |
| 25 | 29 | 85.3 | 112 | 1 | US-08-476-349A-88 |
| 26 | 29 | 85.3 | 112 | 1 | US-08-368-672A-21 |
| 27 | 29 | 85.3 | 112 | 1 | US-08-368-672A-25 |

Sequence 18, Appl
Sequence 18, Appl
Sequence 19, Appl
Sequence 25, Appl
Sequence 29, Appl
Sequence 33, Appl
Sequence 4, Appl
Sequence 8, Appl
Sequence 15, Appl
Sequence 18, Appl
Sequence 16, Appl
Sequence 15, Appl
Sequence 48, Appl
Sequence 50, Appl
Sequence 48, Appl
Sequence 50, Appl
Sequence 25, Appl
Sequence 14, Appl

ALIGNMENTS

RESULT 1
US-08-244-626-6
; Sequence 6, Application US/08244626
; Patent No. 5502167
; GENERAL INFORMATION:
; APPLICANT: Waldmann, Herman
; APPLICANT: Walsh, Louise
; APPLICANT: Crowe, James Scott
; TITLE OF INVENTION: CDR GRAFTED HUMANISED CHIMERIC T-CELL
; TITLE OF INVENTION: ANTIBODIES
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
; STREET: 555 Thirteenth Street, N. W.
; CITY: Washington
; STATE: D. C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/244,626
; APPLICATION NUMBER: US/08/244,626
; FILING DATE: July 15, 1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB92/02251
; FILING DATE: December 4, 1992
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Ernet, Barbara G.
; REGISTRATION NUMBER: 30,377
; REFERENCE/DOCKET NUMBER: 1808-153A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 783-6040
; TELEFAX: (202) 783-6031
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-244-626-6
Query Match 85.3%; Score 29; DB 1; Length 7;
Best Local Similarity 100.0%; Pred. No. 3e+05; 0; Indels 0;
Matches 6; Conservative 0; Mismatches 0; Gaps 0;

PCT-US91-02942-23
; Sequence 23, Application PC/TUS9102942
; GENERAL INFORMATION:
; APPLICANT: ROTHLEIN, ROBERT
; APPLICANT: ADAR, JOHN R
; APPLICANT: ADAR, JOHN R
; TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
; NUMBER OF SEQUENCES: 102
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1225 Connecticut Ave. NW Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/02942
; FILING DATE: 19910429
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9009549.8
; FILING DATE: 27-APR-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: FOX, SAM L
; REGISTRATION NUMBER: 30,353
; REFERENCE/DOCKET NUMBER: 1011.0586600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 466-0800
; TELEFAX: (202) 833-8716
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; PCT-US91-02942-23

Query Match 85.3%; Score 29; DB 5; Length 23;
Best Local Similarity 100.0%; Pred. No. 6;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
| | | | |
DB 11 VSNRFS 16

RESULT 6
PCT-US91-02942-39
; Sequence 39, Application PC/TUS9102942
; GENERAL INFORMATION:
; APPLICANT: ROTHLEIN, ROBERT
; APPLICANT: ADAR, JOHN R
; APPLICANT: ADAR, JOHN R
; TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
; NUMBER OF SEQUENCES: 102
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1225 Connecticut Ave. NW Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: PCT/US91/02942
; FILING DATE: 19910429
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9009549.8
; FILING DATE: 27-APR-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: FOX, SAM L
; REGISTRATION NUMBER: 30,353
; REFERENCE/DOCKET NUMBER: 1011.0586600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 466-0800
; TELEFAX: (202) 833-8716
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; PCT-US91-02942-39

Query Match 85.3%; Score 29; DB 5; Length 23;
Best Local Similarity 100.0%; Pred. No. 6;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
| | | | |
DB 11 VSNRFS 16

RESULT 7
US-08-525-539A-15
; Sequence 15, Application US/08525539A
; Patent No. 6309636
; GENERAL INFORMATION:
; APPLICANT: DO COUTO, FERNANDO J.R.
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; TITLE OF INVENTION: RECOMBINANT PEPTIDES DERIVED FROM THE
; TITLE OF INVENTION: M3 ANTI-BA46 ANTIBODY, METHODS OF USE THEREOF, AND
; TITLE OF INVENTION: METHODS OF HUMANIZING ANTIBODY PEPTIDES
; NUMBER OF SEQUENCES: 81
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/525,539A
; FILING DATE: 14-SEP-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: DYLAN, TYLER
; REGISTRATION NUMBER: 37,612
; REFERENCE/DOCKET NUMBER: 27633-20001.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-525-539A-15

Query Match 85.3%; Score 29; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 8.3;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
Db 2 VSNRFS 7

RESULT 8

US-08-525-539A-17
Sequence 17, Application US/08525539A
Patent No. 6309636
GENERAL INFORMATION:
APPLICANT: DO COUTO, FERNANDO J.R.
APPLICANT: CERIANI, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
TITLE OF INVENTION: RECOMBINANT PEPTIDES DERIVED FROM THE
TITLE OF INVENTION: MC3 ANTI-BA46 ANTIBODY, METHODS OF USE THEREOF, AND
TITLE OF INVENTION: METHODS OF HUMANIZING ANTIBODY PEPTIDES
NUMBER OF SEQUENCES: 81
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/525,539A
FILING DATE: 14-SEP-1995
CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:
NAME: DYLAN, TYLER
REGISTRATION NUMBER: 37,612
REFERENCE/DOCKET NUMBER: 27633-20001.21
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141

INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 34 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-525-539A-17
Query Match 85.3%; Score 29; DB 4; Length 34;
Best Local Similarity 100.0%; Pred. No. 9.2;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
Db 2 VSNRFS 7

RESULT 9

PCT-US91-02942-8
Sequence 8, Application PC/TUS9102942
GENERAL INFORMATION:
APPLICANT: ROTHLEIN, ROBERT
APPLICANT: ADAIR, JOHN R.
APPLICANT: ATHWAL, DILJEET S
TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
NUMBER OF SEQUENCES: 102
CORRESPONDENCE ADDRESS:

ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1225 Connecticut Ave. NW Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/02942
FILING DATE: 19910429
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9009549.8
FILING DATE: 27-APR-1990
ATTORNEY/AGENT INFORMATION:
NAME: FOX, SAM L
REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 1011.0586600
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 466-0800
TELEFAX: (202) 833-8716
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 50 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide

PCT-US91-02942-8

Query Match 85.3%; Score 29; DB 5; Length 50;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
Db 6 VSNRFS 11

RESULT 10

PCT-US91-02942-9
Sequence 9, Application PC/TUS9102942
GENERAL INFORMATION:
APPLICANT: ROTHLEIN, ROBERT
APPLICANT: ADAIR, JOHN R.
APPLICANT: ATHWAL, DILJEET S
TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
NUMBER OF SEQUENCES: 102
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1225 Connecticut Ave. NW Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/02942
FILING DATE: 19910429
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9009549.8
FILING DATE: 27-APR-1990
ATTORNEY/AGENT INFORMATION:
NAME: FOX, SAM L
REGISTRATION NUMBER: 30,353

REFERENCE/DOCKET NUMBER: 1011.0586600
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 466-0800
TELEFAX: (202) 833-8716
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 50 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
PCT-US91-02942-9

Query Match 85.3%; Score 29; DB 5; Length 50;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
Db 6 VSNRFS 11

RESULT 11
US-08-273-146-51
Sequence 51, Application US/08273146
Patent No. 5855885
GENERAL INFORMATION:
APPLICANT: Smith, Rodger
APPLICANT: McCafferty, John
APPLICANT: Chiswell, David
APPLICANT: Daraley, Michael J.
APPLICANT: Fitzgerald, Kevin
APPLICANT: Kenten, John H.
APPLICANT: Martin, Mark T.
APPLICANT: Titmas, Richard C.
APPLICANT: Williams, Richard O.
TITLE OF INVENTION: The Isolation and Production of
TITLE OF INVENTION: Catalytic Antibodies using Phage Technology
NUMBER OF SEQUENCES: 71
CORRESPONDENCE ADDRESS:
ADDRESSEE: IGEN, Inc.
STREET: 1530 East Jefferson St.
CITY: Rockville
STATE: MD
COUNTRY: USA
ZIP: 20852
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/273,146
FILING DATE: 14-JUL-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ryan, John W.
REGISTRATION NUMBER: 33,771
REFERENCE/DOCKET NUMBER: 09000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-584-8000
TELEFAX: 301-230-0158
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 65 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-273-146-51

Query Match 85.3%; Score 29; DB 2; Length 65;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
Db 47 VSNRFS 52

RESULT 12
US-08-881-037-37
Sequence 37, Application US/08881037
Patent No. 6080588
GENERAL INFORMATION:
APPLICANT: Glick, Gary D.
APPLICANT: Swanson, Patrick C.
TITLE OF INVENTION: DNA BINDING ANTIBODIES
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/881,037
FILING DATE: 23-JUN-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/443,540
FILING DATE: 18-MAY-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Konaki, Antoinette F.
REGISTRATION NUMBER: 34,202
REFERENCE/DOCKET NUMBER: 203442110710
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 813-5600
TELEFAX: (650) 494-0792
TELEX:
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-881-037-37

Query Match 85.3%; Score 29; DB 3; Length 104;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
Db 48 VSNRFS 53

RESULT 13
US-08-244-626-2
Sequence 2, Application US/08244626
Patent No. 5502167
GENERAL INFORMATION:
APPLICANT: Waldmann, Herman
APPLICANT: Walsh, Louise
APPLICANT: Crowe, James Scott
APPLICANT: Lewis, Alan Peter
TITLE OF INVENTION: CDR GRAFTED HUMANISED CHIMERIC T-CELL
TITLE OF INVENTION: ANTIBODIES
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rothwell, Figg, Ernst & Kurz, p.c.

STREET: 555 Thirteenth Street, N. W.
CITY: Washington
STATE: D. C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,626
FILING DATE: July 15, 1994
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/02251
FILING DATE: December 4, 1992
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Ernst, Barbara G.
REGISTRATION NUMBER: 30,377
REFERENCE/DOCKET NUMBER: 1808-153A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 783-6040
TELEFAX: (202) 783-6031
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 110 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-244-626-2

Query Match 85.3%; Score 29; DB 1; Length 110;
Best Local Similarity 100.0%; Pred. No. 33;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRPS 7
DB 56 VSNRPS 61

RESULT 14
US-09-025-769B-33
Sequence 33, Application US/09025769B
Patent No. 6300064
GENERAL INFORMATION:
APPLICANT: Knappik, Achim
APPLICANT: Pack, Peter
APPLICANT: Ilag, Vic
APPLICANT: Ge, Liming
APPLICANT: Moroney, Simon
APPLICANT: Plueckthun, Andreas
TITLE OF INVENTION: Protein/(Poly)peptide libraries
NUMBER OF SEQUENCES: 373
CORRESPONDENCE ADDRESSES:
ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10021
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/025,769B
FILING DATE: 18-FEB-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 95 11 3021.0
FILING DATE: 18-AUG-1995

ATTORNEY/AGENT INFORMATION:
NAME: James F. Haley, Jr., Esq.
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: MORPHO/5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)596-9000
TELEFAX: (212)596-9090
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 110 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-025-769B-33

Query Match 85.3%; Score 29; DB 4; Length 110;
Best Local Similarity 100.0%; Pred. No. 33;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRPS 7
DB 60 VSNRPS 65

RESULT 15
US-09-025-769B-53
Sequence 53, Application US/09025769B
Patent No. 6300064
GENERAL INFORMATION:
APPLICANT: Knappik, Achim
APPLICANT: Pack, Peter
APPLICANT: Ilag, Vic
APPLICANT: Ge, Liming
APPLICANT: Moroney, Simon
APPLICANT: Plueckthun, Andreas
TITLE OF INVENTION: Protein/(Poly)peptide libraries
NUMBER OF SEQUENCES: 373
CORRESPONDENCE ADDRESSES:
ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10021
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/025,769B
FILING DATE: 18-FEB-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 95 11 3021.0
FILING DATE: 18-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: James F. Haley, Jr., Esq.
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: MORPHO/5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)596-9000
TELEFAX: (212)596-9090
INFORMATION FOR SEQ ID NO: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 110 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-025-769B-53

Query Match 85.3%; Score 29; DB 4; Length 110;
Best Local Similarity 100.0%; Pred. No. 33;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRES 7

Db 60 VSNRES 65

Search completed: March 8, 2004, 15:30:06
Job time : 2.23188 secs

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OM protein - protein search, using sw model

Run on: March 8, 2004, 15:06:59 ; Search time 71.8696 Seconds
(without alignments)

334.933 Million cell updates/sec

Title: US-09-724-530-7

Perfect score: 610

Sequence: 1 EVQLQQSGPDLVFKPGASVKI.....YCARGIYWGHTLTITVSS 114

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 809742 seqs, 211153259 residues

Total number of hits satisfying chosen parameters: 809742

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

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- 2: /cgn2_6/ptodata/2/pubaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/2/pubaa/US05_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/2/pubaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/2/pubaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/2/pubaa/PCTUS_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/2/pubaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/2/pubaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/2/pubaa/US09A_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/2/pubaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/2/pubaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/2/pubaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/2/pubaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/2/pubaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/2/pubaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/2/pubaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/2/pubaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/2/pubaa/US60_PUBCOMB.pep.*

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Query Match | Score | Length | ID | Description |
|------------|-------------|-------|--------|----|-------------------------------------|
| 1 | 494 | 81.0 | 672 | 10 | US-09-900-766-1 Sequence 1, Appli |
| 2 | 483.5 | 79.3 | 115 | 10 | US-09-929-665-8 Sequence 8, Appli |
| 3 | 483.5 | 79.3 | 115 | 10 | US-09-929-546-8 Sequence 8, Appli |
| 4 | 483.5 | 79.3 | 130 | 10 | US-09-929-665-4 Sequence 4, Appli |
| 5 | 483.5 | 79.3 | 130 | 10 | US-09-929-546-4 Sequence 4, Appli |
| 6 | 477.5 | 78.3 | 115 | 14 | US-10-160-506-19 Sequence 19, Appli |
| 7 | 477 | 78.2 | 116 | 15 | US-10-389-155-15 Sequence 15, Appli |
| 8 | 477 | 78.2 | 135 | 15 | US-10-389-155-60 Sequence 60, Appli |
| 9 | 475.5 | 78.0 | 121 | 14 | US-10-422-049-5 Sequence 5, Appli |
| 10 | 474.5 | 77.8 | 125 | 10 | US-09-929-665-20 Sequence 20, Appli |
| 11 | 474.5 | 77.8 | 125 | 10 | US-09-929-546-20 Sequence 20, Appli |
| 12 | 474.5 | 77.8 | 125 | 14 | US-10-160-506-79 Sequence 79, Appli |
| 13 | 473 | 77.5 | 120 | 15 | US-10-372-719-2 Sequence 2, Appli |
| 14 | 470.5 | 77.1 | 118 | 10 | US-09-802-083-5 Sequence 5, Appli |
| 15 | 470.5 | 77.1 | 118 | 14 | US-10-165-732A-5 Sequence 5, Appli |

ALIGNMENTS

RESULT 1

US-09-900-766-1

- Sequence 1, Application US/09900766
- Publication No. US20030039655A1
- GENERAL INFORMATION:
- APPLICANT: FORSBERG, GORAN
- APPLICANT: ERLANDSSON, EVA
- APPLICANT: ANTONSSON, PER
- APPLICANT: WALSE, BJORN
- TITLE OF INVENTION: A NOVEL ENGINEERED SUPERANTIGEN FOR HUMAN THERAPY
- FILE REFERENCE: P02188US0:10104199
- CURRENT APPLICATION NUMBER: US/09/900,766
- CURRENT FILING DATE: 2001-07-06
- NUMBER OF SEQ ID NOS: 7
- SOFTWARE: PatentIn version 3.0
- SEQ ID NO 1
- LENGTH: 672
- TYPE: PRT
- ORGANISM: Artificial Sequence
- FEATURE:
- NAME/KEY: PEPTIDE
- LOCATION: (1)..(672)
- OTHER INFORMATION: Conjugate protein

US-09-900-766-1

Query Match 81.0%; Score 494; DB 10; Length 672;
Best Local Similarity 80.0%; Pred. No. 2.5e-39;
Matches 96; Conservative 7; Mismatches 11; Indels 6; Gaps 1;

| | | |
|----|----|---|
| QY | 1 | EVQLQQSGPDLVFKPGASVKISCKASGYSTFTGYYIHVWKSHGSKSLRWIGRIVPNNGGTSY 60 |
| Db | 1 | EVQLQQSGPDLVFKPGASVKISCKASGYSTFTGYYIHVWKSHGSKSLRWIGRIVPNNGGTSY 60 |
| QY | 61 | NQKFGKAILTVDKSSSTAYNELSLTSDSAVYCARSGIY-----WVGHGTTITVSS 114 |
| Db | 61 | NQKFKDKATLTVDKSSSTAYNELSLTSDSAVYCARSGIY-----WVGHGTTITVSS 120 |

RESULT 2
US-09-929-665-8
; Sequence 8, Application US/09929665
; Publication No. US2003003101A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: Lois M. Kwasiroch: BZL 242/024
; CURRENT APPLICATION NUMBER: US/09/929,665
; CURRENT FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 09/357,704
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-929-665-8
Query Match 79.3%; Score 483.5; DB 10; Length 115;
Best Local Similarity 80.9%; Pred. No. 3.7e-39;
Matches 93; Conservative 8; Mismatches 13; Indels 1; Gaps 1;
QY 1 EVOLQSGPDLVKPGASVKISKASGYSFTGYIHWVKQSHGKSLWIGRVPNNGTSS 60
Db 1 EVOLQSGPDLVKPGASVKISKASGYSFTGYIHWVKQSHGKSLWIGRVPNNGTSS 60
QY 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-WWGHGTTLTVSS 114
Db 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-WWGHGTTLTVSS 115
RESULT 3
US-09-929-546-8
; Sequence 8, Application US/09929546
; Publication No. US20030031673A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; FILE REFERENCE: Lois M. Kwasiroch: BZL 242/028
; CURRENT APPLICATION NUMBER: US/09/929,546
; CURRENT FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 09/357,708
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-929-546-8
Query Match 79.3%; Score 483.5; DB 10; Length 115;
Best Local Similarity 80.9%; Pred. No. 3.7e-39;
Matches 93; Conservative 8; Mismatches 13; Indels 1; Gaps 1;
QY 1 EVOLQSGPDLVKPGASVKISKASGYSFTGYIHWVKQSHGKSLWIGRVPNNGTSS 60
Db 1 EVOLQSGPDLVKPGASVKISKASGYSFTGYIHWVKQSHGKSLWIGRVPNNGTSS 60
QY 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-WWGHGTTLTVSS 114
Db 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-WWGHGTTLTVSS 115

QY 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-WWGHGTTLTVSS 114
Db 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-WWGHGTTLTVSS 115
RESULT 4
US-09-929-665-4
; Sequence 4, Application US/09929665
; Publication No. US2003003101A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: Lois M. Kwasiroch: BZL 242/024
; CURRENT APPLICATION NUMBER: US/09/929,665
; CURRENT FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 09/357,704
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 130
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-929-665-4
Query Match 79.3%; Score 483.5; DB 10; Length 130;
Best Local Similarity 80.9%; Pred. No. 4.2e-39;
Matches 93; Conservative 8; Mismatches 13; Indels 1; Gaps 1;
QY 1 EVOLQSGPDLVKPGASVKISKASGYSFTGYIHWVKQSHGKSLWIGRVPNNGTSS 60
Db 1 EVOLQSGPDLVKPGASVKISKASGYSFTGYIHWVKQSHGKSLWIGRVPNNGTSS 70
QY 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-WWGHGTTLTVSS 114
Db 71 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-WWGHGTTLTVSS 125
RESULT 5
US-09-929-546-4
; Sequence 4, Application US/09929546
; Publication No. US20030031673A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; FILE REFERENCE: Lois M. Kwasiroch: BZL 242/028
; CURRENT APPLICATION NUMBER: US/09/929,546
; CURRENT FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 09/357,708
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 130
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-929-546-4
Query Match 79.3%; Score 483.5; DB 10; Length 130;
Best Local Similarity 80.9%; Pred. No. 4.2e-39;
Matches 93; Conservative 8; Mismatches 13; Indels 1; Gaps 1;

QY 1 EVLOQSGPDLVKPGASVKISKASGYSFTGYIHWVKQSHGKSLWIGRVIPNNGTTSY 60
DB 11 EVLOQSGPELVKPGTSVRISCKTSGYTFEYTHHWKQSHGKSLWIGNINPNNGTGY 70
QY 61 NQKFKGKAILTVDKSSSTAYMELRLSLTSDSAVYYCAREGIY-WWGHGTTLTVSS 114
DB 71 NQKFKGKAILTVDKSSSTAYMELRLSLTSDSAVYYCAREGIY-WWGHGTTLTVSS 125

RESULT 6
US-10-160-506-19
; Sequence 19, Application US/10160506
; Publication No. US20030161832A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING OR PREVENTING
; TITLE OF INVENTION: SKIN DISORDERS USING BINDING AGENTS SPECIFIC FOR
; FILE REFERENCE: 10448-162001
; CURRENT APPLICATION NUMBER: US/10/160,506
; CURRENT FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/324,100
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 60/362,612
; PRIOR FILING DATE: 2002-03-08
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; TYPE: PRT
; LENGTH: 115
; ORGANISM: Mus musculus
US-10-160-506-19

Query Match 78.3%; Score 477.5; DB 14; Length 115;
Best Local Similarity 80.0%; Pred. No. 1.4e-38;
Matches 92; Conservative 8; Mismatches 14; Indels 1; Gaps 1;

QY 1 EVLOQSGPDLVKPGASVKISKASGYSFTGYIHWVKQSHGKSLWIGRVIPNNGTTSY 60
DB 1 EVLOQSGPELVKPGTSVRISCKTSGYTFEYTHHWKQSHGKSLWIGNINPNNGTGY 60
QY 61 NQKFKGKAILTVDKSSSTAYMELRLSLTSDSAVYYCAREGIY-WWGHGTTLTVSS 114
DB 61 NQKFKGKAILTVDKSSSTAYMELRLSLTSDSAVYYCAREGIY-WWGHGTTLTVSS 115

RESULT 7
US-10-389-155-15
; Sequence 15, Application US/10389155
; Publication No. US20030229208A1
; GENERAL INFORMATION:
; APPLICANT: Queen, Cary L.
; Co, Man Sung
; Schneider, William P.
; Landolfi, Nicholas F.
; Coelingh, Kathleen L.
; Selick, Harold E.
; TITLE OF INVENTION: Improved Humanized Immunoglobulins
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/389,155
; FILING DATE: 13-Mar-2003

APPLICATION NUMBER: US/10/389,155
FILING DATE: 13-Mar-2003
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/325,000
FILING DATE: 01-JUN-1999
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US 08/484,537
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 011823-002650US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 116 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-10-389-155-15

Query Match 78.2%; Score 477; DB 15; Length 116;
Best Local Similarity 78.4%; Pred. No. 1.6e-38;
Matches 91; Conservative 10; Mismatches 13; Indels 2; Gaps 1;

QY 1 EVLOQSGPDLVKPGASVKISKASGYSFTGYIHWVKQSHGKSLWIGRVIPNNGTTSY 60
DB 1 EVLOQSGPELVKPGASVKISKASGYSFTGYIHWVKQSHGKSLWIGRVIPNNGTTSY 60
QY 61 NQKFKGKAILTVDKSSSTAYMELRLSLTSDSAVYYCA--REGIYWGHTTLTVSS 114
DB 61 NQKFKSKATLTVDNSSSTAYMVDRLSLTSDSAVYYCARGRPANDYWGQGTSTVTVSS 116

RESULT 8
US-10-389-155-60
; Sequence 60, Application US/10389155
; Publication No. US20030229208A1
; GENERAL INFORMATION:
; APPLICANT: Queen, Cary L.
; Co, Man Sung
; Schneider, William P.
; Landolfi, Nicholas F.
; Coelingh, Kathleen L.
; Selick, Harold E.
; TITLE OF INVENTION: Improved Humanized Immunoglobulins
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/389,155
; FILING DATE: 13-Mar-2003

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/325,000
FILING DATE: 01-JUN-1999
APPLICATION NUMBER: US/07/290,975
FILING DATE: 28-DEC-1988
APPLICATION NUMBER: US/07/310,252
FILING DATE: 13-FEB-1989
APPLICATION NUMBER: US/07/590,274
FILING DATE: 28-SEP-1990
APPLICATION NUMBER: US/07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US/08/484,537
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 011823-002650US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 60:
SEQUENCE CHARACTERISTICS:
LENGTH: 135 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 60:
US-10-389-155-60
Query Match 78.2%; Score 477; DB 15; Length 135;
Best Local Similarity 78.4%; Pred. No. 1.9e-38;
Matches 91; Conservative 10; Mismatches 13; Indels 2; Gaps 1;
QY 1 EVLOQSGPDLVKPGASVKISKASGYFTGYIHWVKQSHGKSLWIGRVIPNNGGTSY 60
Db 20 EVLOQSGPELVKPGASVKISKASGYFTDYNNMHWKQSHGKSLWIGIYFNGGTGY 79
QY 61 NQKFKGKATLTVDKSSSTAYMELRLTSEDSAVYYCA--REGIYWGHTLTVSS 114
Db 80 NQKFKSKATLTVDNSSLTAYMDVRLTSEDSAVYYCARGRPAMDYWGQGISVTVSS 135
RESULT 9
US-10-422-049-5
Sequence 5, Application US/10422049
Publication No. US20030199679A1
GENERAL INFORMATION:
APPLICANT: Adair, John Robert
APPLICANT: Achwal, Diljeet Singh
APPLICANT: Smage, John Spencer
APPLICANT: Bodmer, Mark William
TITLE OF INVENTION: Recombinant Antibodies Specific For TNF-Alpha
FILE REFERENCE: CARP0063
CURRENT APPLICATION NUMBER: US/10/422,049
CURRENT FILING DATE: 2003-04-22
PRIOR APPLICATION NUMBER: US/09/267,281
PRIOR FILING DATE: 1999-03-12
PRIOR APPLICATION NUMBER: 08/456,418
PRIOR FILING DATE: 1995-06-01
PRIOR APPLICATION NUMBER: 08/373,882
PRIOR FILING DATE: 1995-01-17
PRIOR APPLICATION NUMBER: 07/920,378
PRIOR FILING DATE: 1992-09-28
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 5
LENGTH: 121
TYPE: PRT
ORGANISM: Murine
US-10-422-049-5
Query Match 78.0%; Score 475.5; DB 14; Length 121;
Best Local Similarity 76.0%; Pred. No. 2.3e-38;

Matches 92; Conservative 7; Mismatches 15; Indels 7; Gaps 1;
QY 1 EVLOQSGPDLVKPGASVKISKASGYFTGYIHWVKQSHGKSLWIGRVIPNNGGTSY 60
Db 1 EVLQOQSGPELVKPGASVKIPCKASGYFTDYNDVWVKQSHGKSLQWIGNINPNNGGTIY 60
QY 61 NQKFKGKATLTVDKSSSTAYMELRLTSEDSAVYYCAREGIY-----WVGHGTLTVSS 113
Db 61 NQKFKGKATLTVDKSSSTAYMELRLTSEDTAVYYCARSAFYNNYEFYFDVWGAGTTVTVS 120
QY 114 S 114
Db 121 S 121
RESULT 10
US-09-929-665-20
Sequence 20, Application US/09929665
Publication No. US20030030101A1
GENERAL INFORMATION:
APPLICANT: Bander, Neil H.
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: Lois M. Kwasiogoch: BZL 242/024
CURRENT APPLICATION NUMBER: US/09/929,665
CURRENT FILING DATE: 2001-08-13
PRIOR APPLICATION NUMBER: 09/357,704
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: US 08/838,682
PRIOR FILING DATE: 1997-04-09
PRIOR APPLICATION NUMBER: US 60/016,976
PRIOR FILING DATE: 1996-05-06
PRIOR APPLICATION NUMBER: US 60/022,125
PRIOR FILING DATE: 1996-07-18
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn version 3.0
SEQ ID NO 20
LENGTH: 125
TYPE: PRT
ORGANISM: Mus sp.
US-09-929-665-20
Query Match 77.8%; Score 474.5; DB 10; Length 125;
Best Local Similarity 76.2%; Pred. No. 3e-38;
Matches 96; Conservative 8; Mismatches 9; Indels 13; Gaps 3;
QY 1 EVLOQSGPDLVKPGASVKISKASGYFTGYI--HWVKQSHGKSLWIGRVIPNNGGTS 59
Db 1 EVLQOQSGPELVKPGASVKISKASGYFTDYNNMHWKQSPCKSLWIGDINPNGGTS 60
QY 60 YNQKFKGKATLTVDKSSSTAYMELRLTSEDSAVYYCAREGIY-----WVGHGT 108
Db 61 YNQKFKGKATLTVDKSSSTAYMQLSLTSEDSAVYYCAR-GYISSSYWYAYFADYWGQGT 119
QY 109 TLTVSS 114
Db 120 TVTVSS 125
RESULT 11
US-09-929-546-20
Sequence 20, Application US/09929546
Publication No. US20030031673A1
GENERAL INFORMATION:
APPLICANT: Bander, Neil H.
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
FILE REFERENCE: Lois M. Kwasiogoch: BZL 242/028
CURRENT APPLICATION NUMBER: US/09/929,546
CURRENT FILING DATE: 2001-08-13
PRIOR APPLICATION NUMBER: 09/357,708
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: US 08/838,682
PRIOR FILING DATE: 1997-04-09
PRIOR APPLICATION NUMBER: US 60/016,976

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; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 20
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus sp.
JS-09-929-546-20

Query Match      77.8%; Score 474.5; DB 10; Length 125;
Best Local Similarity 76.2%; Pred. No. 3e-38;
Matches 96; Conservative 8; Mismatches 9; Indels 13; Gaps 3;

2Y 1 EVOLQSGPDLVKPGASVKISCKASGYSTGYI-HWVKSHGKSLWIGRVPNNGGTS 59
DQ 1 EVOLQSGPELVKPGASVKISCKASGYTFDDYNNWNVKSPGKSLWIGDINFGNGTS 60
2Y 60 YNQPKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-----WGHGT 108
DQ 61 YNQPKGKATLTVDKSSSTAYMQLSLTSDSAVYYCAR-GYYSSSYMAYYAFDYWGQT 119
2Y 109 TLTVSS 114
DQ 120 TVTVSS 125

RESULT 12
JS-10-160-506-79
; Sequence 79, Application US/10160506
; Publication No. US20030161832A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING OR PREVENTING
; TITLE OF INVENTION: SKIN DISORDERS USING BINDING AGENTS SPECIFIC FOR
; TITLE OF INVENTION: PROSTATE SPECIFIC MEMBRANE ANTIGEN
; FILE REFERENCE: 10448-162001
; CURRENT APPLICATION NUMBER: US/10/160,506
; CURRENT FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/324,100
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 60/362,612
; PRIOR FILING DATE: 2002-03-08
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 79
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-160-506-79

Query Match      77.8%; Score 474.5; DB 14; Length 125;
Best Local Similarity 76.2%; Pred. No. 3e-38;
Matches 96; Conservative 8; Mismatches 9; Indels 13; Gaps 3;

2Y 1 EVOLQSGPDLVKPGASVKISCKASGYSTGYI-HWVKSHGKSLWIGRVPNNGGTS 59
DQ 1 EVOLQSGPELVKPGASVKISCKASGYTFDDYNNWNVKSPGKSLWIGDINFGNGTS 60
2Y 60 YNQPKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-----WGHGT 108
DQ 61 YNQPKGKATLTVDKSSSTAYMQLSLTSDSAVYYCAR-GYYSSSYMAYYAFDYWGQT 119
2Y 109 TLTVSS 114
DQ 120 TVTVSS 125

RESULT 13
US-10-372-719-2
; Sequence 2, Application US/10372719
; Publication No. US20040005643A1
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; GENERAL INFORMATION:
; APPLICANT: DE SANTIS, RITA
; APPLICANT: ANASTASI, ANNA MARIA
; TITLE OF INVENTION: ANTI-HUMAN TENASCIN MONOCLONAL ANTIBODY
; FILE REFERENCE: 2818-141
; CURRENT APPLICATION NUMBER: US/10/372,719
; CURRENT FILING DATE: 2003-02-25
; PRIOR APPLICATION NUMBER: 60/359,299
; PRIOR FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 2
; LENGTH: 120
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: ST2146 heavy chain variable region protein sequence
US-10-372-719-2

Query Match      77.5%; Score 473; DB 15; Length 120;
Best Local Similarity 77.5%; Pred. No. 4e-38;
Matches 93; Conservative 10; Mismatches 11; Indels 6; Gaps 2;

QY 1 EVOLQSGPDLVKPGASVKISCKASGYSTGYIHWVKSHGKSLWIGRVPNNGGTSY 60
DQ 1 KVKLQSGPELVKPGASVKISCKASGYAFTSYNMWVKSHGKSLWIGYIDPYNGVTSY 60
QY 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAREG--IY----WGHGTTLTVSS 114
DQ 61 NQKFKGKATLTVDKSSSTAYMHLNLTSDSAVYYCARGGSIYYANDYWGQGTTLTVSS 120

RESULT 14
US-09-802-083-5
; Sequence 5, Application US/09802083
; Publication No. US20030119075A1
; GENERAL INFORMATION:
; APPLICANT: Kirchhofer, Daniel K.
; APPLICANT: Lowe, David G.
; APPLICANT: Presta, Leonard G.
; TITLE OF INVENTION: Anti-tissue Factor Antibodies with Enhanced
; TITLE OF INVENTION: Anticoagulant Potency
; FILE REFERENCE: P1736R1
; CURRENT APPLICATION NUMBER: US/09/802,083
; CURRENT FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: US 60/189,775
; PRIOR FILING DATE: 2000-03-16
; NUMBER OF SEQ ID NOS: 28
; SEQ ID NO 5
; LENGTH: 118
; TYPE: PRT
; ORGANISM: Mus Musculus
US-09-802-083-5

Query Match      77.1%; Score 470.5; DB 10; Length 118;
Best Local Similarity 77.8%; Pred. No. 6.8e-38;
Matches 91; Conservative 10; Mismatches 13; Indels 3; Gaps 1;

QY 1 EVOLQSGPDLVKPGASVKISCKASGYSTGYIHWVKSHGKSLWIGRVPNNGGTSY 60
DQ 1 EVLQSGPELVKPGASVKIPCKASGYTFEYNDMDWVKSHGKSLWIGDINPNNGTIY 60
QY 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAREGIYW---WGHGTTLTVSS 114
DQ 61 NQKFKGKATLTVDKSSSTAYLRLSLTSDTAVYFCARDHDYFDYFWGQGTTLTVSS 117

RESULT 15
US-10-165-732A-5
; Sequence 5, Application US/10165732A
; Publication No. US20030124117A1
; GENERAL INFORMATION:
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APPLICANT: Refino, Canio J.
APPLICANT: Bunting, Stuart
APPLICANT: Kirchhofer, Daniel
TITLE OF INVENTION: COMBINATIONS OF ANTI-TISSUE FACTOR ANTIBODIES AND ANTICOAGULANT A
TITLE OF INVENTION: ANTIPLATELET AGENTS
FILE REFERENCE: 11669.110US11
CURRENT APPLICATION NUMBER: US/10/165,732A
CURRENT FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: US 09/802,083
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: US 60/189,775
PRIOR FILING DATE: 2000-03-16
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 118
TYPE: PRT
ORGANISM: Mus musculus
US-10-165-732A-5

Query Match 77.1%; Score 470.5; DB 14; Length 118;
Best Local Similarity 77.8%; Pred. No. 6.8e-38;
Matches 91; Conservative 10; Mismatches 13; Indels 3; Gaps 1;
QY 1 EVLOQSGPDLVKPGASVKISKASGYSTGYIHWVKQSHGKSLEWIGRVIPNNGTSY 60
Db 1 EVLLQSGPELVKPGASVKIPCKASGYTFTEYNDWVKQSHGKSLEWIGDINPNNGNTIY 60
QY 61 NQKFKGKAILTVDKSSSTAYMELRSLTSEDNAVYICAREGIYW---WGHGTTLTVSS 114
Db 61 NQKFKGKATLTVDKSSSTAYLELRSLTSEDNAVYFCARDHDYDFDFWQGGTTLTVSS 117

Search completed: March 8, 2004, 15:33:58
Job time : 72.8696 secs

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| 16 | 34 | 91.9 | 98 | 15 | US-10-308-817-41 | Sequence 41, Appl |
| 17 | 34 | 91.9 | 98 | 15 | US-10-032-037B-33 | Sequence 33, Appl |
| 18 | 34 | 91.9 | 98 | 15 | US-10-032-037B-34 | Sequence 34, Appl |
| 19 | 34 | 91.9 | 98 | 15 | US-10-032-037B-35 | Sequence 35, Appl |
| 20 | 34 | 91.9 | 98 | 15 | US-10-032-037B-36 | Sequence 36, Appl |
| 21 | 34 | 91.9 | 98 | 15 | US-10-029-988B-33 | Sequence 33, Appl |
| 22 | 34 | 91.9 | 98 | 15 | US-10-029-988B-34 | Sequence 34, Appl |
| 23 | 34 | 91.9 | 98 | 15 | US-10-029-988B-35 | Sequence 35, Appl |
| 24 | 34 | 91.9 | 98 | 15 | US-10-029-988B-36 | Sequence 36, Appl |
| 25 | 34 | 91.9 | 98 | 15 | US-10-032-423A-33 | Sequence 33, Appl |
| 26 | 34 | 91.9 | 98 | 15 | US-10-032-423A-34 | Sequence 34, Appl |
| 27 | 34 | 91.9 | 98 | 15 | US-10-032-423A-35 | Sequence 35, Appl |
| 28 | 34 | 91.9 | 98 | 15 | US-10-032-423A-36 | Sequence 36, Appl |
| 29 | 34 | 91.9 | 106 | 14 | US-10-010-723-29 | Sequence 29, Appl |
| 30 | 34 | 91.9 | 114 | 15 | US-10-309-762-141 | Sequence 141, App |
| 31 | 34 | 91.9 | 117 | 15 | US-10-309-762-142 | Sequence 142, App |
| 32 | 34 | 91.9 | 118 | 15 | US-10-309-762-124 | Sequence 124, App |
| 33 | 34 | 91.9 | 124 | 15 | US-10-309-762-125 | Sequence 125, App |
| 34 | 34 | 91.9 | 135 | 15 | US-10-364-743-108 | Sequence 108, App |
| 35 | 34 | 91.9 | 241 | 10 | US-09-880-748-2008 | Sequence 2008, App |
| 36 | 34 | 91.9 | 241 | 10 | US-09-880-748-2031 | Sequence 2031, App |
| 37 | 34 | 91.9 | 241 | 10 | US-09-880-748-2032 | Sequence 2032, App |
| 38 | 34 | 91.9 | 242 | 10 | US-09-880-748-2031 | Sequence 2031, App |
| 39 | 34 | 91.9 | 242 | 10 | US-09-880-748-2046 | Sequence 2046, App |
| 40 | 34 | 91.9 | 242 | 10 | US-09-880-748-2106 | Sequence 2106, App |
| 41 | 34 | 91.9 | 243 | 10 | US-09-880-748-2009 | Sequence 2009, App |
| 42 | 34 | 91.9 | 243 | 10 | US-09-880-748-2012 | Sequence 2012, App |
| 43 | 34 | 91.9 | 243 | 10 | US-09-880-748-2014 | Sequence 2014, App |
| 44 | 34 | 91.9 | 243 | 10 | US-09-880-748-2063 | Sequence 2063, App |
| 45 | 34 | 91.9 | 243 | 10 | US-09-880-748-2107 | Sequence 2107, App |

ALIGNMENTS

RESULT 1
US-09-880-748-2964
; Sequence 2964, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2964
; LENGTH: 18
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-2964

Query Match 100.0%; Score 37; DB 10; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0;

QY 1 TGVYIH 6

Db 8 TGVYIH 13

RESULT 2

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: March 8, 2004, 15:06:59 ; Search time 3.78261 Seconds
(without alignments)
334.933 Million cell updates/sec

Title: US-09-724-530-8
Perfect score: 37
Sequence: 1 TGVYIH 6

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 809742 seqs, 21153259 residues

Total number of hits satisfying chosen parameters: 809742

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
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- 8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep.*
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- 11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | ID | Description |
|------------|-------|-------------|--------|---------------------|--------------------|
| 1 | 37 | 100.0 | 18 | US-09-880-748-2964 | Sequence 2964, App |
| 2 | 37 | 100.0 | 241 | US-09-880-748-1948 | Sequence 1948, App |
| 3 | 37 | 100.0 | 253 | US-09-880-748-1003 | Sequence 1003, App |
| 4 | 37 | 100.0 | 253 | US-09-880-748-1007 | Sequence 1007, App |
| 5 | 36 | 97.3 | 20 | US-09-880-748-2743 | Sequence 2743, App |
| 6 | 36 | 97.3 | 252 | US-09-880-748-1394 | Sequence 1394, App |
| 7 | 36 | 97.3 | 254 | US-09-880-748-1846 | Sequence 1846, App |
| 8 | 36 | 97.3 | 255 | US-09-880-748-1849 | Sequence 1849, App |
| 9 | 35 | 94.6 | 17 | US-09-880-748-2960 | Sequence 2960, App |
| 10 | 35 | 94.6 | 248 | US-09-880-748-1386 | Sequence 1386, App |
| 11 | 35 | 94.6 | 248 | US-09-880-748-1388 | Sequence 1388, App |
| 12 | 35 | 94.6 | 249 | US-09-880-748-963 | Sequence 963, App |
| 13 | 34 | 91.9 | 54 | US-10-029-386-33621 | Sequence 33621, A |
| 14 | 34 | 91.9 | 98 | US-10-194-975-1 | Sequence 1, Appli |
| 15 | 34 | 91.9 | 98 | US-10-125-687-17 | Sequence 17, Appl |

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US-09-880-748-1948
; Sequence 1948, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1948
; LENGTH: 241
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1948

Query Match      100.0%; Score 37; DB 10; Length 241;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGYVYH 6
DB      30 TGYVYH 35

RESULT 3
US-09-880-748-1003
; Sequence 1003, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1003
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1003

Query Match      100.0%; Score 37; DB 10; Length 253;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGYVYH 6
DB      106 TGYVYH 111
```

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RESULT 4
US-09-880-748-1007
; Sequence 1007, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1007
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1007

Query Match      100.0%; Score 37; DB 10; Length 253;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGYVYH 6
DB      106 TGYVYH 111

RESULT 5
US-09-880-748-2743
; Sequence 2743, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2743
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-2743

Query Match      97.3%; Score 36; DB 10; Length 20;
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Best Local Similarity 83.3%; Pred. No. 2.3;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Query Match 97.3%; Score 36; DB 10; Length 254;
Best Local Similarity 83.3%; Pred. No. 28;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIYH 6
Db 9 TGYVYH 14

RESULT 6
US-09-880-748-1394
; Sequence 1394, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1394
; LENGTH: 252
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1394

Query Match 97.3%; Score 36; DB 10; Length 252;
Best Local Similarity 83.3%; Pred. No. 28;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIYH 6
Db 107 TGYVYH 112

RESULT 7
US-09-880-748-1846
; Sequence 1846, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1846
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1846

Query Match 97.3%; Score 36; DB 10; Length 254;
Best Local Similarity 83.3%; Pred. No. 28;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Query Match 97.3%; Score 36; DB 10; Length 254;
Best Local Similarity 83.3%; Pred. No. 28;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIYH 6
Db 30 TGYVYH 35

RESULT 8
US-09-880-748-1849
; Sequence 1849, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1849
; LENGTH: 255
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1849

Query Match 97.3%; Score 36; DB 10; Length 255;
Best Local Similarity 83.3%; Pred. No. 28;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIYH 6
Db 30 TGYVYH 35

RESULT 9
US-09-880-748-2960
; Sequence 2960, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2960
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-2960

Query Match 94.6%; Score 35; DB 10; Length 17;
Best Local Similarity 83.3%; Pred. No. 3;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 TGYIYH 6
DB 8 TGYLH 13

RESULT 10
US-09-880-748-1386
; Sequence 1386, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1386
; LENGTH: 248
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1386

Query Match 94.6%; Score 35; DB 10; Length 248;
Best Local Similarity 83.3%; Pred. No. 43;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 TGYIYH 6
DB 30 TGYLH 35

RESULT 11
US-09-880-748-1388
; Sequence 1388, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1388
; LENGTH: 248
; TYPE: PRT
; ORGANISM: Homo sapiens

US-09-880-748-1388

Query Match 94.6%; Score 35; DB 10; Length 248;
Best Local Similarity 83.3%; Pred. No. 43;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 TGYIYH 6
DB 30 TGYLH 35

RESULT 12
US-09-880-748-963
; Sequence 963, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 963
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-963

Query Match 94.6%; Score 35; DB 10; Length 249;
Best Local Similarity 83.3%; Pred. No. 43;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 TGYIYH 6
DB 106 TGYLH 111

RESULT 13
US-10-029-386-33621
; Sequence 33621, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: AEWICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annotmax Sequence Listing Engine vers. 1.1
; SEQ ID NO 33621
; LENGTH: 54
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR14.1
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.4
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.7
; OTHER INFORMATION: SWISSPROT HIT: P23083, EVALUATION 5.008-26
US-10-029-386-33621

Query Match 91.9%; Score 34; DB 14; Length 54;
Best Local Similarity 83.3%; Pred. No. 15;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYVH 6
|||:|
DB 37 TGYVH 42

RESULT 14

JS-10-194-975-1
; Sequence 1, Application US/10194975
; Publication No. US20030039649A1
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: Super Humanized Antibodies
; FILE REFERENCE: 501231.01
; CURRENT APPLICATION NUMBER: US/10/194,975
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: Patent version 3.1
; SEQ ID NO 1
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
JS-10-194-975-1

Query Match 91.9%; Score 34; DB 14; Length 98;
Best Local Similarity 83.3%; Pred. No. 26;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYVH 6
|||:|
DB 30 TGYVH 35

RESULT 15

US-10-125-687-17
; Sequence 17, Application US/10125687
; Publication No. US20030054407A1
; GENERAL INFORMATION:
; APPLICANT: Luo, Peter
; TITLE OF INVENTION: STRUCTURE-BASED CONSTRUCTION OF HUMAN ANTIBODY LIBRARY
; FILE REFERENCE: 26050-705
; CURRENT APPLICATION NUMBER: US/10/125,687
; CURRENT FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patent version 3.1
; SEQ ID NO 17
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-125-687-17

Query Match 91.9%; Score 34; DB 14; Length 98;
Best Local Similarity 83.3%; Pred. No. 26;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYVH 6
|||:|
DB 30 TGYVH 35

Search completed: March 8, 2004, 15:33:58
Job time : 3.78261 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 8, 2004, 15:06:59 ; Search time 10.7174 Seconds

(without alignments)
334.933 Million cell updates/sec

Title: US-09-724-530-9

Perfect score: 93

Sequence: 1 RVIPNNGTSYNQKFKG 17

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 809742 seqs, 211153259 residues

Total number of hits satisfying chosen parameters: 809742

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/ptodata/2/pubaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/2/pubaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/2/pubaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/2/pubaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/2/pubaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/2/pubaa/PCTUS_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/2/pubaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/2/pubaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/2/pubaa/US09A_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/2/pubaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/2/pubaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/2/pubaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/2/pubaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/2/pubaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/2/pubaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/2/pubaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/2/pubaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/2/pubaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match % | Length | ID | Description |
|------------|-------|---------------|--------|----|-------------------|
| 1 | 74 | 79.6 | 17 | 10 | US-09-563-222-57 |
| 2 | 74 | 79.6 | 121 | 14 | US-10-422-049-5 |
| 3 | 74 | 79.6 | 121 | 14 | US-10-422-049-6 |
| 4 | 74 | 79.6 | 125 | 10 | US-09-929-665-20 |
| 5 | 74 | 79.6 | 125 | 10 | US-09-929-546-20 |
| 6 | 74 | 79.6 | 125 | 14 | US-10-160-506-79 |
| 7 | 74 | 79.6 | 152 | 9 | US-09-881-823-20 |
| 8 | 72 | 77.4 | 117 | 14 | US-10-195-752-106 |
| 9 | 72 | 77.4 | 119 | 15 | US-10-389-155-23 |
| 10 | 72 | 77.4 | 119 | 15 | US-10-389-155-24 |
| 11 | 72 | 77.4 | 138 | 15 | US-10-389-155-72 |
| 12 | 72 | 77.4 | 144 | 14 | US-10-195-752-112 |
| 13 | 71 | 76.3 | 119 | 15 | US-10-371-797-9 |
| 14 | 70 | 75.3 | 117 | 13 | US-10-032-482-15 |
| 15 | 70 | 75.3 | 111 | 13 | US-10-032-482-5 |

Query Match 79.6%; Score 74; DB 10; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.4e-05;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFKG 17

DB 4 PNNGGTSYNQKFKG 17

RESULT 2

US-10-422-049-5
; Sequence 5, Application US/10422049
; Publication No. US20030199679A1
; GENERAL INFORMATION:
; APPLICANT: Adair, John Robert
; APPLICANT: Athwal, Diljeet Singh
; APPLICANT: Emtage, John Spencer
; APPLICANT: Bodmer, Mark William

ALIGNMENTS

RESULT 1
US-09-563-222-57
; Sequence 57, Application US/09563222
; Publication No. US20030079253A1
; GENERAL INFORMATION:
; APPLICANT: Hiatt, Andrew
; APPLICANT: Hein, Mich B.
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN
; EUKARYOTIC CELLS
; FILE REFERENCE: 310098.406
; CURRENT APPLICATION NUMBER: US/09/563.222
; CURRENT FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 197
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 57
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-563-222-57

Sequence 9, Appli
Sequence 35, Appl
Sequence 39, Appl
Sequence 41, Appl
Sequence 42, Appl
Sequence 18, Appl
Sequence 2, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 11, Appl
Sequence 48, Appl
Sequence 50, Appl
Sequence 50, Appl
Sequence 11, Appl
Sequence 11, Appl
Sequence 6, Appli
Sequence 6, Appli
Sequence 34, Appl
Sequence 152, App
Sequence 34, Appl
Sequence 8, Appli
Sequence 8, Appli
Sequence 33, Appl
Sequence 150, App
Sequence 33, Appl
Sequence 235, App
Sequence 15, Appl
Sequence 16, Appl
Sequence 17, Appl

; TITLE OF INVENTION: Recombinant Antibodies Specific For TNF-Alpha
; FILE REFERENCE: CARP0063
; CURRENT APPLICATION NUMBER: US/10/422,049
; CURRENT FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: US/09/267,281
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 08/456,418
; PRIOR FILING DATE: 1995-06-01
; PRIOR APPLICATION NUMBER: 08/373,882
; PRIOR FILING DATE: 1995-01-17
; PRIOR APPLICATION NUMBER: 07/920,378
; PRIOR FILING DATE: 1992-09-28
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 5
; LENGTH: 121
; TYPE: PRT
; ORGANISM: Murine
; US-10-422-049-5

Query Match 79.6%; Score 74; DB 14; Length 121;
Best Local Similarity 92.9%; Pred. No. 0.00012;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFKG 17
Db 53 PNNGGTIYNQKFKG 66

RESULT 3
US-10-422-049-6
; Sequence 6, Application US/10422049
; Publication No. US20030199679A1
; GENERAL INFORMATION:
; APPLICANT: Adair, John Robert
; APPLICANT: Athwal, Diljeet Singh
; APPLICANT: Emtage, John Spencer
; APPLICANT: Bodmer, Mark William
; TITLE OF INVENTION: Recombinant Antibodies Specific For TNF-Alpha
; FILE REFERENCE: CARP0063
; CURRENT APPLICATION NUMBER: US/10/422,049
; CURRENT FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: US/09/267,281
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 08/456,418
; PRIOR FILING DATE: 1995-06-01
; PRIOR APPLICATION NUMBER: 08/373,882
; PRIOR FILING DATE: 1995-01-17
; PRIOR APPLICATION NUMBER: 07/920,378
; PRIOR FILING DATE: 1992-09-28
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 6
; LENGTH: 121
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Humanized
; US-10-422-049-6

Query Match 79.6%; Score 74; DB 14; Length 121;
Best Local Similarity 92.9%; Pred. No. 0.00012;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFKG 17
Db 53 PNNGGTIYNQKFKG 66

RESULT 4
US-09-929-665-20
; Sequence 20, Application US/09929665

; Publication No. US20030003101A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: Lois M. Kwasiogoch: BZL 242/024
; CURRENT APPLICATION NUMBER: US/09/929,665
; CURRENT FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 09/357,704
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 20
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus sp.
; US-09-929-665-20

Query Match 79.6%; Score 74; DB 10; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00012;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFKG 17
Db 54 PNNGGTSYNQKFKG 67

RESULT 5
US-09-929-546-20
; Sequence 20, Application US/09929546
; Publication No. US20030031673A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; FILE REFERENCE: Lois M. Kwasiogoch: BZL 242/028
; CURRENT APPLICATION NUMBER: US/09/929,546
; CURRENT FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 09/357,708
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 20
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus sp.
; US-09-929-546-20

Query Match 79.6%; Score 74; DB 10; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00012;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFKG 17
Db 54 PNNGGTSYNQKFKG 67

RESULT 6
US-10-160-506-79
; Sequence 79, Application US/10160506
; Publication No. US20030161832A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING OR PREVENTING
TITLE OF INVENTION: SKIN DISORDERS USING BINDING AGENTS SPECIFIC FOR
TITLE OF INVENTION: PROSTATE SPECIFIC MEMBRANE ANTIGEN

FILE REFERENCE: 10448-182001

CURRENT APPLICATION NUMBER: US/10/160,506

CURRENT FILING DATE: 2002-05-30

PRIOR APPLICATION NUMBER: 60/324,100

PRIOR FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: 60/362,612

PRIOR FILING DATE: 2002-03-08

NUMBER OF SEQ ID NOS: 128

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 79

LENGTH: 125

TYPE: PRT

ORGANISM: Mus musculus

IS-10-160-506-79

Query Match 79.6%; Score 74; DB 14; Length 125;

Best Local Similarity 92.9%; Pred. No. 0.00012;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 4 PNNGGTSYNQKFK 17

b 54 PNNGGTSYNQKFK 67

RESULT 7

S-09-881-823-20

Sequence 20, Application US/09881823

Patent No. US20020068066A1

GENERAL INFORMATION:

APPLICANT: SHI, WENYUAN

APPLICANT: ANDERSON, MAXWELL

APPLICANT: MORRISON, SHERIE

APPLICANT: TRINH, RYAN

APPLICANT: WIMS, LETITIA

APPLICANT: CHEN, LI

TITLE OF INVENTION: Method for the Treatment and Prevention of Dental Caries

FILE REFERENCE: 22851-032

CURRENT APPLICATION NUMBER: US/09/881,823

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: US 07/378,577

PRIOR FILING DATE: 1999-08-20

NUMBER OF SEQ ID NOS: 32

SOFTWARE: PatentIn version 3.0

SEQ ID NO 20

LENGTH: 152

TYPE: PRT

ORGANISM: Murine

IS-09-881-823-20

Query Match 79.6%; Score 74; DB 9; Length 152;

Best Local Similarity 100.0%; Pred. No. 0.00015;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 4 PNNGGTSYNQKFK 16

b 72 PNNGGTSYNQKFK 84

RESULT 8

IS-10-195-752-106

Sequence 106, Application US/10195752

Publication No. US2003007276A1

GENERAL INFORMATION:

APPLICANT: NAKAMURA, KAZUYASU

APPLICANT: KOIKE, NASAMICHI

APPLICANT: SHITARA, KENYA

APPLICANT: HANAI, NOBUO

APPLICANT: KUMANA, YOSHIO

APPLICANT: HASEGAWA, NAMORU

TITLE OF INVENTION: HUMANIZED ANTIBODIES

NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHUYE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/10/195,752
FILING DATE: 16-Jul-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/393,385B
FILING DATE: 27-JUN-96
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4000
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 106:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 106:
US-10-195-752-106

Query Match 77.4%; Score 72; DB 14; Length 17;
Best Local Similarity 80.0%; Pred. No. 2.9e-05;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

OY 2 VIPNNGGTSYNQKFK 16

Db 2 IYPNNGGTSYNQKFK 16

RESULT 9

US-10-389-155-23

Sequence 23, Application US/10389155

Publication No. US20030229208A1

GENERAL INFORMATION:

APPLICANT: Queen, Cary L.

Co, Man Sung

Schneider, William P.

Landolfi, Nicholas F.

Coelling, Kathleen L.

Selick, Harold E.

TITLE OF INVENTION: Improved Humanized Immunoglobulins

NUMBER OF SEQUENCES: 100

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/389,155

FILING DATE: 13-Mar-2003

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/325,000

FILING DATE: 01-JUN-1999

APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US 08/484,537
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 011823-002650US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-10-389-155-23

Query Match 77.4%; Score 72; DB 15; Length 119;
Best Local Similarity 92.9%; Pred. No. 0.00025;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNYGGTSYNOKEFG 17
DB 53 PNYGGTSYNOKEFG 66

RESULT 10
US-10-389-155-24
Sequence 24, Application US/10389155
Publication No. US20030229208A1
GENERAL INFORMATION:
APPLICANT: Queen, Cary L.
Co, Man Sung
Schneider, William P.
Landolfi, Nicholas F.
Coellingh, Kathleen L.
Seligk, Harold E.
TITLE OF INVENTION: Improved Humanized Immunoglobulins
NUMBER OF SEQUENCES: 100
CORRESPONDENCE ADDRESS:
ADDRESS: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 13-Mar-2003
APPLICATION NUMBER: US/10/389,155
PRIOR APPLICATION DATA:
FILING DATE: 01-JUN-1999
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
APPLICATION NUMBER: US 08/484,537
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.

APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US 08/484,537
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 011823-002650US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 24:
US-10-389-155-24

Query Match 77.4%; Score 72; DB 15; Length 119;
Best Local Similarity 92.9%; Pred. No. 0.00025;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNYGGTSYNOKEFG 17
DB 53 PNYGGTSYNOKEFG 66

RESULT 11
US-10-389-155-72
Sequence 72, Application US/10389155
Publication No. US20030229208A1
GENERAL INFORMATION:
APPLICANT: Queen, Cary L.
Co, Man Sung
Schneider, William P.
Landolfi, Nicholas F.
Coellingh, Kathleen L.
Seligk, Harold E.
TITLE OF INVENTION: Improved Humanized Immunoglobulins
NUMBER OF SEQUENCES: 100
CORRESPONDENCE ADDRESS:
ADDRESS: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 13-Mar-2003
APPLICATION NUMBER: US/10/389,155
PRIOR APPLICATION DATA:
FILING DATE: 01-JUN-1999
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US 08/484,537
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.

/ REGISTRATION NUMBER: 30,223
/ REFERENCE/DOCKET NUMBER: 011823-002650US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 72:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 138 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ SEQUENCE DESCRIPTION: SEQ ID NO: 72:
US-10-389-155-72

Query Match 77.4%; Score 72; DB 15; Length 138;
Best Local Similarity 92.9%; Pred. No. 0.00029;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFG 17
DB 72 PYNGGTSYNQKFG 85

RESULT 12
US-10-195-752-112
/ Sequence 112, Application US/10195752
/ Publication No. US2003007276A1
/ GENERAL INFORMATION:
/ APPLICANT: NAKAMURA, KAZUYASU
/ KOIKE, MASAMICHI
/ SHITARA, KENYA
/ HANAI, NOBUO
/ KIWANA, YOSHIHISA
/ HASEGAWA, MAMORU
/ TITLE OF INVENTION: HUMANIZED ANTIBODIES
/ NUMBER OF SEQUENCES: 113
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: NIXON & VANDERHYE P.C.
/ STREET: 1100 NORTH GLEBE ROAD
/ CITY: ARLINGTON
/ STATE: VIRGINIA
/ COUNTRY: U.S.A.
/ ZIP: 22201-4714
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/10/195,752
/ FILING DATE: 16-Jul-2002
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/09/393,385B
/ FILING DATE: 27-JUN-96
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703)816-4000
/ TELEFAX: (703)816-4100
/ INFORMATION FOR SEQ ID NO: 112:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 144 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ SEQUENCE DESCRIPTION: SEQ ID NO: 112:
US-10-195-752-112

Query Match 77.4%; Score 72; DB 14; Length 144;
Best Local Similarity 80.0%; Pred. No. 0.00031;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2 VIPNNGGTSYNQKFK 16

DB 70 IYPNNGGTSYNQKFK 84
RESULT 13
US-10-371-797-9
/ Sequence 9, Application US/10371797
/ Publication No. US20040001828A1
/ GENERAL INFORMATION:
/ APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
/ APPLICANT: TUSCANO, Joseph
/ APPLICANT: TEDDER, Thomas
/ TITLE OF INVENTION: TREATMENT METHODS USING ANTI-CD22
/ TITLE OF INVENTION: ANTIBODIES
/ FILE REFERENCE: 39754-0951
/ CURRENT APPLICATION NUMBER: US/10/371,797
/ CURRENT FILING DATE: 2003-02-21
/ PRIOR APPLICATION NUMBER: US 60/420,472
/ PRIOR FILING DATE: 2002-10-21
/ PRIOR APPLICATION NUMBER: US 60/359,419
/ PRIOR FILING DATE: 2002-02-21
/ NUMBER OF SEQ ID NOS: 31
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 9
/ LENGTH: 119
/ TYPE: PRT
/ ORGANISM: homo sapiens
US-10-371-797-9

Query Match 76.3%; Score 71; DB 15; Length 119;
Best Local Similarity 92.9%; Pred. No. 0.00037;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFG 17
DB 53 PFNGGTSYNQKFG 66

RESULT 14
US-10-032-482-15
/ Sequence 15, Application US/10032482
/ Publication No. US20020197270A1
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Irun
/ APPLICANT: ROTTER, Varda
/ APPLICANT: Wolkowicz, Roland
/ APPLICANT: RUIZ, Pedro
/ APPLICANT: EREZ-ALON, Neta
/ APPLICANT: HERKEL, Johannes
/ TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS FOR INDUCTION OF ANTI-TUMOR
/ FILE REFERENCE: COHEN42
/ CURRENT APPLICATION NUMBER: US/10/032,482
/ CURRENT FILING DATE: 2002-01-02
/ PRIOR APPLICATION NUMBER: US/09/445,602
/ PRIOR FILING DATE: 2001-01-24
/ PRIOR APPLICATION NUMBER: PCT/IL98/00266
/ PRIOR FILING DATE: 1999-12-09
/ PRIOR APPLICATION NUMBER: IL 121041
/ PRIOR FILING DATE: 1997-06-09
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 15
/ LENGTH: 17
/ TYPE: PRT
/ ORGANISM: Mus musculus
US-10-032-482-15

Query Match 75.3%; Score 70; DB 13; Length 17;
Best Local Similarity 75.0%; Pred. No. 5.3e-05;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 VIPNNGGTSYNQKFK 17

Db : ||||| : |||||
2 IYPNNGFTTNNQKFKG 17

RESULT 15
US-10-032-482-5
; Sequence 5, Application US/10032482
; Publication No. US20020197270A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Irvin
; APPLICANT: ROTTER, Varda
; APPLICANT: Wolkowicz, Roland
; APPLICANT: RUIZ, Pedro
; APPLICANT: EREZ-ALON, Neta
; APPLICANT: HERKEL, Johannes
; TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS FOR INDUCTION OF ANTI-TUMOR
; FILE REFERENCE: COHEN42
; CURRENT APPLICATION NUMBER: US/10/032,482
; PRIOR FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: US/09/445,602
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: PCT/IL98/00266
; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: IL 121041
; PRIOR FILING DATE: 1997-06-09
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-032-482-5

Query Match 75.3%; Score 70; DB 13; Length 111;
Best Local Similarity 75.0%; Pred. NO. 0.0005;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 VIPNNGGTSYNQKFKG 17
Db : ||||| : |||||
48 IYPNNGFTTNNQKFKG 63

Search completed: March 8, 2004, 15:33:58
Job time : 10.7174 secs

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DM protein - protein search, using sw model

Run on: March 8, 2004, 15:06:59 ; Search time 2.52174 Seconds
(without alignments)
334.933 Million cell updates/sec

Title: US-09-724-530-10

Perfect score: 22

Sequence: 1 EGIY 4

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 809742 seqs, 211153259 residues

Total number of hits satisfying chosen parameters: 809742

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/2/pubpaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Query Match | Score | Length | DB ID | Description |
|------------|-------------|-------|--------|-------|---------------------|
| 1 | 22 | 100.0 | 4 | 9 | US-09-569-193A-18 |
| 2 | 22 | 100.0 | 4 | 13 | US-10-057-812-18 |
| 3 | 22 | 100.0 | 11 | 9 | US-09-569-193A-17 |
| 4 | 22 | 100.0 | 11 | 13 | US-10-057-812-17 |
| 5 | 22 | 100.0 | 28 | 9 | US-09-864-761-43895 |
| 6 | 22 | 100.0 | 39 | 14 | US-10-132-585-4 |
| 7 | 22 | 100.0 | 61 | 10 | US-09-764-891-4312 |
| 8 | 22 | 100.0 | 67 | 10 | US-09-764-891-4339 |
| 9 | 22 | 100.0 | 71 | 9 | US-09-764-855-101 |
| 10 | 22 | 100.0 | 71 | 14 | US-10-072-349-101 |
| 11 | 22 | 100.0 | 73 | 14 | US-10-106-698-4894 |
| 12 | 22 | 100.0 | 73 | 14 | US-10-029-386-31310 |
| 13 | 22 | 100.0 | 82 | 11 | US-09-864-408A-7670 |
| 14 | 22 | 100.0 | 94 | 9 | US-09-815-242-4980 |
| 15 | 22 | 100.0 | 94 | 9 | US-09-867-550-68 |

| | | | | | | |
|----|----|-------|-----|----|---------------------|-------------------|
| 16 | 22 | 100.0 | 96 | 14 | US-10-156-761-11823 | Sequence 11823, A |
| 17 | 22 | 100.0 | 100 | 9 | US-09-815-242-10950 | Sequence 10950, A |
| 18 | 22 | 100.0 | 107 | 9 | US-09-863-693-25 | Sequence 25, Appl |
| 19 | 22 | 100.0 | 107 | 11 | US-09-373-403-25 | Sequence 25, Appl |
| 20 | 22 | 100.0 | 107 | 14 | US-10-143-437-25 | Sequence 25, Appl |
| 21 | 22 | 100.0 | 107 | 15 | US-10-447-331-3 | Sequence 3, Appl |
| 22 | 22 | 100.0 | 116 | 9 | US-09-796-692-2452 | Sequence 2452, Ap |
| 23 | 22 | 100.0 | 116 | 14 | US-10-040-882-2452 | Sequence 2452, Ap |
| 24 | 22 | 100.0 | 116 | 15 | US-10-057-475B-2452 | Sequence 2452, Ap |
| 25 | 22 | 100.0 | 116 | 15 | US-10-154-884B-2452 | Sequence 2452, Ap |
| 26 | 22 | 100.0 | 122 | 9 | US-09-893-737-286 | Sequence 286, Ap |
| 27 | 22 | 100.0 | 122 | 15 | US-10-389-155-7 | Sequence 7, Appl |
| 28 | 22 | 100.0 | 122 | 15 | US-10-389-155-8 | Sequence 8, Appl |
| 29 | 22 | 100.0 | 122 | 11 | US-09-864-408A-1688 | Sequence 1688, Ap |
| 30 | 22 | 100.0 | 124 | 9 | US-09-896-522-6 | Sequence 6, Appl |
| 31 | 22 | 100.0 | 127 | 14 | US-10-117-109-1 | Sequence 1, Appl |
| 32 | 22 | 100.0 | 127 | 14 | US-10-407-078-1 | Sequence 1, Appl |
| 33 | 22 | 100.0 | 130 | 14 | US-10-149-759-36 | Sequence 36, Appl |
| 34 | 22 | 100.0 | 130 | 15 | US-10-443-201-36 | Sequence 36, Appl |
| 35 | 22 | 100.0 | 133 | 15 | US-10-316-194-10 | Sequence 10, Appl |
| 36 | 22 | 100.0 | 133 | 15 | US-10-316-194-45 | Sequence 45, Appl |
| 37 | 22 | 100.0 | 135 | 14 | US-10-029-386-30184 | Sequence 30184, A |
| 38 | 22 | 100.0 | 138 | 14 | US-10-143-759-44 | Sequence 44, Appl |
| 39 | 22 | 100.0 | 147 | 13 | US-10-042-296-2 | Sequence 2, Appl |
| 40 | 22 | 100.0 | 147 | 13 | US-10-042-296-4 | Sequence 4, Appl |
| 41 | 22 | 100.0 | 156 | 14 | US-10-149-759-34 | Sequence 34, Appl |
| 42 | 22 | 100.0 | 161 | 9 | US-09-864-761-34035 | Sequence 34035, A |
| 43 | 22 | 100.0 | 167 | 11 | US-09-864-408A-3002 | Sequence 3002, Ap |
| 44 | 22 | 100.0 | 170 | 9 | US-09-802-127-7 | Sequence 7, Appl |
| 45 | 22 | 100.0 | 170 | 13 | US-10-080-960-32 | Sequence 32, Appl |

ALIGNMENTS

RESULT 1
US-09-569-193A-18
; Sequence 18, Application US/09569193A
; Patent No. US2002076697A1
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/09/569,193A
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 18
; LENGTH: 4
; TYPE: PPT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protease product
US-09-569-193A-18

Query Match 100.0%; Score 22; DB 9; Length 4;
Best Local Similarity 100.0%; Pred. No. 7.1e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
|||
Db 1 EGIY 4

RESULT 2
US-10-057-812-18
; Sequence 18, Application US/10057812

Publication No. US20020197619A1
GENERAL INFORMATION:
APPLICANT: Nikiforov, Theo T.
TITLE OF INVENTION: Kinase Assays Using Polycations
FILE REFERENCE: 100/07930
CURRENT APPLICATION NUMBER: US/10/057,812
CURRENT FILING DATE: 2002-01-24
PRIOR APPLICATION NUMBER: US/09/569,193A
PRIOR FILING DATE: 2000-05-11
PRIOR APPLICATION NUMBER: US 60/156,366
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/139,562
PRIOR FILING DATE: 1999-06-16
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn version 3.1
SEQ ID NO 18
LENGTH: 4
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Protease product
US-10-057-812-18

Query Match 100.0%; Score 22; DB 13; Length 4;
Best Local Similarity 100.0%; Pred. No. 7.1e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EGIY 4
Db 1 EGIY 4

RESULT 3
US-09-569-193A-17
Sequence 17, Application US/09569193A
Patent No. US20020076697A1
GENERAL INFORMATION:
APPLICANT: Nikiforov, Theo T.
TITLE OF INVENTION: Kinase Assays Using Polycations
FILE REFERENCE: 100/07930
CURRENT APPLICATION NUMBER: US/09/569,193A
CURRENT FILING DATE: 2000-05-11
PRIOR APPLICATION NUMBER: US 09/316,447
PRIOR FILING DATE: 1999-05-21
PRIOR APPLICATION NUMBER: US 60/156,366
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/139,562
PRIOR FILING DATE: 1999-06-16
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn version 3.1
SEQ ID NO 17
LENGTH: 11
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Protease substrate
NAME/KEY: misc_feature
LOCATION: (11)..(11)
OTHER INFORMATION: lysinamide
US-09-569-193A-17

Query Match 100.0%; Score 22; DB 9; Length 11;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EGIY 4
Db 1 EGIY 4

RESULT 4
US-10-057-812-17
Sequence 17, Application US/10057812

Publication No. US20020197619A1
GENERAL INFORMATION:
APPLICANT: Nikiforov, Theo T.
TITLE OF INVENTION: Kinase Assays Using Polycations
FILE REFERENCE: 100/07930
CURRENT APPLICATION NUMBER: US/10/057,812
CURRENT FILING DATE: 2002-01-24
PRIOR APPLICATION NUMBER: US/09/569,193A
PRIOR FILING DATE: 2000-05-11
PRIOR APPLICATION NUMBER: US 60/156,366
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/139,562
PRIOR FILING DATE: 1999-06-16
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn version 3.1
SEQ ID NO 17
LENGTH: 11
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Protease substrate
NAME/KEY: misc_feature
LOCATION: (11)..(11)
OTHER INFORMATION: lysinamide
US-10-057-812-17

Query Match 100.0%; Score 22; DB 13; Length 11;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EGIY 4
Db 1 EGIY 4

RESULT 5
US-09-864-761-43895
Sequence 43895, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Pesh, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aeomica-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/006666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 43895
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC005083.1
; OTHER INFORMATION: EXPRESSED IN LONG, SIGNAL = 0.48
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.72
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.58
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.43
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.6
; JS-09-864-761-43895

Query Match 100.0%; Score 22; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 EGIY 4
16 EGIY 19

RESULT 6
US-10-132-585-4
; Sequence 4, Application US/10132585
; Publication No. US20030055234A1
; GENERAL INFORMATION:
; APPLICANT: Kapeller-Libermann, Rosanna
; TITLE OF INVENTION: 26030, A HUMAN RHO-GAP FAMILY MEMBER AND
; FILE OF INVENTION: USES THEREFOR
; FILE REFERENCE: MP101-101P18M
; CURRENT APPLICATION NUMBER: US/10/132,585
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: 60/286,581
; PRIOR FILING DATE: 2001-04-25
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 39
; TYPE: PRT
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: PFAM consensus rhoGAP domain
; JS-10-132-585-4

Query Match 100.0%; Score 22; DB 14; Length 39;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 EGIY 4
7 EGIY 10

RESULT 7
JS-09-764-891-4312
; Sequence 4312, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:

; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4312
; LENGTH: 61
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (26)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (34)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (44)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; US-09-764-891-4312

Query Match 100.0%; Score 22; DB 10; Length 61;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 EGIY 4
8 EGIY 11

RESULT 8
US-09-764-891-4339
; Sequence 4339, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:

; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4339
; LENGTH: 67
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (52)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (58)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (61)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (64)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; US-09-764-891-4339

Query Match 100.0%; Score 22; DB 10; Length 67;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 EGIY 4
20 EGIY 23

Sequence 4894, Application US/10106698
Publication No. US20030109690A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypeptid
FILE REFERENCE: PA005P1
CURRENT APPLICATION NUMBER: US/10/106,698
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: PCT/US00/26524
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US 60/157,137
PRIOR FILING DATE: 1999-09-29
PRIOR APPLICATION NUMBER: US 60/163,280
PRIOR FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 8564
SOFTWARE: Patentin Ver. 3.0
SEQ ID NO 4894
LENGTH: 73
TYPE: PRT
FEATURE:
NAME/KEY: SITE
LOCATION: (14)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
LOCATION: (55)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-764-855-101

Query Match 100.0%; Score 22; DB 9; Length 71;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
|||
Db 8 EGIY 11

RESULT 10
US-10-072-349-101
Sequence 101, Application US/10072349
Publication No. US2003005420A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: P1110C1
CURRENT APPLICATION NUMBER: US/10/072,349
CURRENT FILING DATE: 2002-02-11
Prior Application removed - See file Wrapper or Palm
NUMBER OF SEQ ID NOS: 334
SOFTWARE: Patentin Ver. 3.1
SEQ ID NO 101
LENGTH: 71
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: MISC_FEATURE
LOCATION: (14)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: MISC_FEATURE
LOCATION: (55)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-10-072-349-101

Query Match 100.0%; Score 22; DB 14; Length 73;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
|||
Db 8 EGIY 11

RESULT 11
US-10-106-698-4894

Sequence 4894, Application US/10106698
Publication No. US20030109690A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypeptid
FILE REFERENCE: PA005P1
CURRENT APPLICATION NUMBER: US/10/106,698
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: PCT/US00/26524
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US 60/157,137
PRIOR FILING DATE: 1999-09-29
PRIOR APPLICATION NUMBER: US 60/163,280
PRIOR FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 8564
SOFTWARE: Patentin Ver. 3.0
SEQ ID NO 4894
LENGTH: 73
TYPE: PRT
FEATURE:
NAME/KEY: SITE
LOCATION: (14)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
LOCATION: (55)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-10-106-698-4894

Query Match 100.0%; Score 22; DB 14; Length 73;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
|||
Db 8 EGIY 11

RESULT 12
US-10-029-386-31310
Sequence 31310, Application US/10029386
Publication No. US20030194704A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Hanzel, David K.
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: AEOMICA-X-2
CURRENT APPLICATION NUMBER: US/10/029,386
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 34288
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 31310
LENGTH: 73
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AF107045.1
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.4
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.4
OTHER INFORMATION: SWISSPROT HIT: P07742, EVALUATE 4.00e-21
US-10-029-386-31310

Query Match 100.0%; Score 22; DB 14; Length 73;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
|||
Db 38 EGIY 41

RESULT 13
US-09-864-408A-7670
Sequence 7670, Application US/09864408A
Publication No. US20040009474A1

Sequence 4894, Application US/10106698
Publication No. US20030109690A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypeptid
FILE REFERENCE: PA005P1
CURRENT APPLICATION NUMBER: US/10/106,698
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: PCT/US00/26524
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US 60/157,137
PRIOR FILING DATE: 1999-09-29
PRIOR APPLICATION NUMBER: US 60/163,280
PRIOR FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 8564
SOFTWARE: Patentin Ver. 3.0
SEQ ID NO 4894
LENGTH: 73
TYPE: PRT
FEATURE:
NAME/KEY: SITE
LOCATION: (14)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
LOCATION: (55)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-764-855-101

Query Match 100.0%; Score 22; DB 9; Length 71;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
|||
Db 8 EGIY 11

RESULT 10
US-10-072-349-101
Sequence 101, Application US/10072349
Publication No. US2003005420A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: P1110C1
CURRENT APPLICATION NUMBER: US/10/072,349
CURRENT FILING DATE: 2002-02-11
Prior Application removed - See file Wrapper or Palm
NUMBER OF SEQ ID NOS: 334
SOFTWARE: Patentin Ver. 3.1
SEQ ID NO 101
LENGTH: 71
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: MISC_FEATURE
LOCATION: (14)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: MISC_FEATURE
LOCATION: (55)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-10-072-349-101

Query Match 100.0%; Score 22; DB 14; Length 71;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
|||
Db 8 EGIY 11

RESULT 11
US-10-106-698-4894

Sequence 4894, Application US/10106698
Publication No. US20030109690A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypeptid
FILE REFERENCE: PA005P1
CURRENT APPLICATION NUMBER: US/10/106,698
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: PCT/US00/26524
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US 60/157,137
PRIOR FILING DATE: 1999-09-29
PRIOR APPLICATION NUMBER: US 60/163,280
PRIOR FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 8564
SOFTWARE: Patentin Ver. 3.0
SEQ ID NO 4894
LENGTH: 73
TYPE: PRT
FEATURE:
NAME/KEY: SITE
LOCATION: (14)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
LOCATION: (55)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-10-106-698-4894

Query Match 100.0%; Score 22; DB 14; Length 73;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
|||
Db 8 EGIY 11

RESULT 12
US-10-029-386-31310
Sequence 31310, Application US/10029386
Publication No. US20030194704A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Hanzel, David K.
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: AEOMICA-X-2
CURRENT APPLICATION NUMBER: US/10/029,386
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 34288
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 31310
LENGTH: 73
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AF107045.1
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.4
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.4
OTHER INFORMATION: SWISSPROT HIT: P07742, EVALUATE 4.00e-21
US-10-029-386-31310

Query Match 100.0%; Score 22; DB 14; Length 73;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
|||
Db 38 EGIY 41

RESULT 13
US-09-864-408A-7670
Sequence 7670, Application US/09864408A
Publication No. US20040009474A1

GENERAL INFORMATION:
APPLICANT: Leach, Martin D.
APPLICANT: Shinkets, Richard A.
TITLE OF INVENTION: No. US20040009474A1el Human Polynucleotides and Polypeptides Enco
FILE REFERENCE: 21402-012
CURRENT APPLICATION NUMBER: US/09/864,408A
CURRENT FILING DATE: 2001-05-24
PRIOR APPLICATION NUMBER: 60/206,690
PRIOR FILING DATE: 2000-05-24
NUMBER OF SEQ ID NOS: 9068
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7670
LENGTH: 82
TYPE: PRT
ORGANISM: Homo sapiens
US-09-864-408A-7670

Query Match 100.0%; Score 22; DB 11; Length 82;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
DB 11 EGIY 14

RESULT 14
US-09-815-242-4980
Sequence 4980, Application US/09815242
Patent No. US20020061569A1
GENERAL INFORMATION:
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari L.
APPLICANT: Zyskind, Judith W.
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John D.
APPLICANT: Carr, Grant J.
APPLICANT: Yamamoto, Robert T.
APPLICANT: Xu, H. Howard
TITLE OF INVENTION: Identification of Essential Genes in
FILE OF INVENTION: Prokaryotes
FILE REFERENCE: ELITRA.011A
CURRENT APPLICATION NUMBER: US/09/815,242
CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 14110
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 4980
LENGTH: 94
TYPE: PRT
ORGANISM: Enterococcus faecalis
US-09-815-242-4980

Query Match 100.0%; Score 22; DB 9; Length 94;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
DB 55 EGIY 58

RESULT 15
US-09-867-550-68
Sequence 68, Application US/09867550
Patent No. US20020082206A1
GENERAL INFORMATION:
APPLICANT: Leach, Martin D.
APPLICANT: Mehrahan, Fuad,
APPLICANT: Conley, Pamela
APPLICANT: Law, Debbie
APPLICANT: Topper, James
TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells and
FILE OF INVENTION: Thereby
FILE REFERENCE: 21402-013 (Cura-313)
CURRENT APPLICATION NUMBER: US/09/867,550
CURRENT FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: USSN 60/208,427
PRIOR FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 2125
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 68
LENGTH: 94
TYPE: PRT
ORGANISM: Homo sapiens
US-09-867-550-68

Query Match 100.0%; Score 22; DB 9; Length 94;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
DB 12 EGIY 15

Search completed: March 8, 2004, 15:33:59
Job time : 3.52174 secs

RESULT 2
US-10-369-493-3337
; Sequence 3337, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei

APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
FILE REFERENCE: 38-10(52052)B
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US/10/369,493
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 3337
LENGTH: 937
TYPE: PRT
ORGANISM: Neurospora crassa
FEATURE:
NAME/KEY: unsure
LOCATION: (1)..(937)
OTHER INFORMATION: unsure at all Xaa locations
US-10-369-493-3337

Query Match 88.2%; Score 30; DB 15; Length 937;
Best Local Similarity 71.4%; Pred. No. 3.7e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 TVSNRFS 7
|:|||||
Db 555 TITNRFS 561

RESULT 3
US-09-217-268B-30
Sequence 30, Application US/09217268B
Patent No. US20020065398A1
GENERAL INFORMATION:
APPLICANT: Mateo de Acosta del Rio, Christina M
APPLICANT: Rodriguez, Rolando P
APPLICANT: Frias, Ernesto M
TITLE OF INVENTION: Humanized and Chimeric Monoclonal Antibodies That Recognize Epide
FILE OF INVENTION: Growth Factor Receptor (EGF-R); Diagnostic and Therapeutic Use
FILE REFERENCE: 2720.IUS
CURRENT FILING DATE: 1998-12-21
CURRENT APPLICATION NUMBER: US/09/217,268B
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn version 3.1
SEQ ID NO 30
LENGTH: 7
TYPE: PRT
ORGANISM: Murine
FEATURE:
NAME/KEY: MISC FEATURE
OTHER INFORMATION: CDR of murine R3 antibody
US-09-217-268B-30

Query Match 85.3%; Score 29; DB 9; Length 7;
Best Local Similarity 100.0%; Pred. No. 7.1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
|:|||||
Db 2 VSNRFS 7

RESULT 4
US-09-796-744-9
Sequence 9, Application US/09796744
Patent No. US20020098527A1
GENERAL INFORMATION:
APPLICANT: SHITARA, KENYA
APPLICANT: HANAI, NOBUO
APPLICANT: SHOJI, EMI
APPLICANT: SAKURADA, MIKKIKO

APPLICANT: FURUYA, AKIKO
APPLICANT: NAKAMURA, KAZUYASU
APPLICANT: NIWA, RINPEI
APPLICANT: SHIBATA, KENJI
APPLICANT: YAMASAKI, MOTOO
TITLE OF INVENTION: GENE RECOMBINANT ANTIBODY AND ANTIBODY FRAGMENT THEREOF
FILE REFERENCE: 249-170
CURRENT APPLICATION NUMBER: US/09/796,744
CURRENT FILING DATE: 2002-01-04
PRIOR APPLICATION NUMBER: JP 2000-59508
PRIOR FILING DATE: 2000-03-03
PRIOR APPLICATION NUMBER: JP 2000-401563
PRIOR FILING DATE: 2000-12-28
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 7
TYPE: PRT
ORGANISM: Mus musculus
US-09-796-744-9

Query Match 85.3%; Score 29; DB 9; Length 7;
Best Local Similarity 100.0%; Pred. No. 7.1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
|:|||||
Db 2 VSNRFS 7

RESULT 5
US-09-518-737-9
Sequence 9, Application US/09518737
Publication No. US20030008321A1
GENERAL INFORMATION:
APPLICANT: FUKUI, YASUHISA
APPLICANT: NAGATA, SATOSHI
APPLICANT: SHIRAI, RYUICHI
APPLICANT: SAITO, NAOAKI
TITLE OF INVENTION: MONOCLONAL ANTIBODY RECOGNIZING
FILE REFERENCE: 1965/49818
CURRENT APPLICATION NUMBER: US/09/518,737
CURRENT FILING DATE: 2000-03-03
PRIOR APPLICATION NUMBER: JP 1999-250209
PRIOR FILING DATE: 1999-09-03
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 7
TYPE: PRT
ORGANISM: Mus musculus
US-09-518-737-9

Query Match 85.3%; Score 29; DB 10; Length 7;
Best Local Similarity 100.0%; Pred. No. 7.1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
|:|||||
Db 2 VSNRFS 7

RESULT 6
US-09-563-222-30
Sequence 30, Application US/09563222
Publication No. US20030079253A1
GENERAL INFORMATION:
APPLICANT: Hiatt, Andrew
APPLICANT: Heif, Mich B.
TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN
TITLE OF INVENTION: EUKARYOTIC CELLS
FILE REFERENCE: 310098.406

CURRENT APPLICATION NUMBER: US/09/563,222
CURRENT FILING DATE: 2000-05-02
NUMBER OF SEQ ID NOS: 197
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 30
LENGTH: 7
TYPE: PRT
ORGANISM: Mus musculus
JS-09-563-222-30

Query Match 85.3%; Score 29; DB 10; Length 7;
Best Local Similarity 100.0%; Pred. No. 7.1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
| | | | |
Db 2 VSNRFS 7

RESULT 7

JS-09-995-529-34
Sequence 34, Application US/09995529
Publication No. US20030099655A1
GENERAL INFORMATION:
APPLICANT: Watkins, Jeffrey D.
APPLICANT: Huse, William D.
TITLE OF INVENTION: Humanized Collagen Antibodies and
TITLE OF INVENTION: Related Methods
FILE REFERENCE: P-IX 4976
CURRENT APPLICATION NUMBER: US/09/995,529
CURRENT FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 388
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 34
LENGTH: 7
TYPE: PRT
ORGANISM: Mus musculus
JS-09-995-529-34

Query Match 85.3%; Score 29; DB 10; Length 7;
Best Local Similarity 100.0%; Pred. No. 7.1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
| | | | |
Db 2 VSNRFS 7

RESULT 8

JS-10-231-452-6
Sequence 6, Application US/10231452
Publication No. US20030175273A1
GENERAL INFORMATION:
APPLICANT: SHITARA, KENYA
APPLICANT: NAKAMURA, KAZUYASU
APPLICANT: HOSAKA, EMI
APPLICANT: TANAKA, AKIKO
APPLICANT: KOIKE, MASAMICHI
TITLE OF INVENTION: HUMAN CDR GRAFTED ANTIBODY AND ANTIBODY FRAGMENT THEREOF
FILE REFERENCE: 249-273
CURRENT APPLICATION NUMBER: US/10/231,452
CURRENT FILING DATE: 2003-04-18
PRIOR APPLICATION NUMBER: JP 2001-265144
PRIOR FILING DATE: 2001-08-31
NUMBER OF SEQ ID NOS: 78
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 7
TYPE: PRT
ORGANISM: Mus musculus
JS-10-231-452-6

Query Match 85.3%; Score 29; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 7.1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
| | | | |
Db 2 VSNRFS 7

RESULT 9

US-09-956-206A-15
Sequence 15, Application US/09956206A
Patent No. US20020164339A1
GENERAL INFORMATION:
APPLICANT: DO COUTO, FERNANDO J.R.
APPLICANT: CERIANI, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
TITLE OF INVENTION: RECOMBINANT PEPTIDES DERIVED FROM THE
TITLE OF INVENTION: MC3 ANTI-BA46 ANTIBODY, METHODS OF USE THEREOF, AND
METHODS OF HUMANIZING ANTIBODY PEPTIDES
NUMBER OF SEQUENCES: 81
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/09/956,206A
APPLICATION NUMBER: US/09/956,206A
FILING DATE: 19-Apr-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/525,539
FILING DATE: 14-SEP-1995
APPLICATION NUMBER: PCT/US95/11683
FILING DATE: 14-SEP-1995
APPLICATION NUMBER: 08/487,598
FILING DATE: 7-JUNE-1995
APPLICATION NUMBER: 08/307,868
FILING DATE: 16-SEPT-1994
ATTORNEY/AGENT INFORMATION:
NAME: WITT, ERIC
REGISTRATION NUMBER: 44,408
REFERENCE/DOCKET NUMBER: 276332000101
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 813-5600
TELEFAX: (650) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 15:

US-09-956-206A-15

Query Match 85.3%; Score 29; DB 9; Length 31;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
| | | | |
Db 2 VSNRFS 7

RESULT 10

US-09-956-206A-17
; Sequence 17, Application US/09956206A
; Patent No. US20020164339A1
; GENERAL INFORMATION:
; APPLICANT: DO COUTO, FERNANDO J.R.
; CERIANI, ROBERTO L.
; PETERSON, JERRY A.
; TITLE OF INVENTION: RECOMBINANT PEPTIDES DERIVED FROM THE
; MC3 ANTI-BAG6 ANTIBODY, METHODS OF USE THEREOF, AND
; METHODS OF HUMANIZING ANTIBODY PEPTIDES
; NUMBER OF SEQUENCES: 81
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/09/956,206A
; FILING DATE: 19-Apr-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/525,539
; FILING DATE: 14-SEP-1995
; APPLICATION NUMBER: PCT/US95/11683
; FILING DATE: 14-SEP-1995
; APPLICATION NUMBER: 08/487,598
; FILING DATE: 7-JUNE-1995
; APPLICATION NUMBER: 08/307,868
; FILING DATE: 16-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: WITT, ERIC
; REGISTRATION NUMBER: 44,408
; REFERENCE/DOCKET NUMBER: 276332000101
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 813-5600
; TELEFAX: (650) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 34 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-09-956-206A-17
; Query Match 85.3%; Score 29; DB 9; Length 34;
; Best Local Similarity 100.0%; Pred. No. 18;
; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 VSNRFS 7
Db 2 VSNRFS 7
RESULT 11
US-10-029-386-29552
; Sequence 29552, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
; TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
; FILE REFERENCE: AEOMICA-X-2

; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 29552
; LENGTH: 69
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR.X.1
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.87
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 0.9
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.78
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.1
; OTHER INFORMATION: SWISSPROT HIT: P70398, EVALUE 5.00e-35
US-10-029-386-29552
; Query Match 85.3%; Score 29; DB 14; Length 69;
; Best Local Similarity 100.0%; Pred. No. 39;
; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 VSNRFS 7
Db 28 VSNRFS 33
RESULT 12
US-10-029-386-33292
; Sequence 33292, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR C
; TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 33292
; LENGTH: 75
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AL109797.18
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.3
; OTHER INFORMATION: SWISSPROT HIT: P70398, EVALUE 9.00e-40
US-10-029-386-33292
; Query Match 85.3%; Score 29; DB 14; Length 75;
; Best Local Similarity 100.0%; Pred. No. 42;
; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 VSNRFS 7
Db 26 VSNRFS 31
RESULT 13
US-10-125-687-27
; Sequence 27, Application US/10125687
; Publication No. US20030054407A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: STRUCTURE-BASED CONSTRUCTION OF HUMAN ANTIBODY LIBRARY
; TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
; FILE REFERENCE: 26050-705

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; CURRENT APPLICATION NUMBER: US/10/125,687
; CURRENT FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 90
; TYPE: PRT
; ORGANISM: Homo sapiens
;
JS-10-125-687-27
Query Match      85.3%; Score 29; DB 14; Length 90;
Best Local Similarity 100.0%; Pred. No. 51;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y      2 VSNRFS 7
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Db      60 VSNRFS 65

RESULT 14
JS-09-864-761-39459
; Sequence 39459, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aemica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/235,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 39459
; LENGTH: 97

; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC002308.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.4
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.9
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.2
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.5
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.8
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.4
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.1
; OTHER INFORMATION: EST HUMAN HIT: AW404359.1, EVALUATE 2.00e-46
; OTHER INFORMATION: SWISSPROT HIT: P01705, EVALUATE 3.00e-45
US-09-864-761-39459
Query Match      85.3%; Score 29; DB 9; Length 97;
Best Local Similarity 100.0%; Pred. No. 55;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 VSNRFS 7
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Db      53 VSNRFS 58

RESULT 15
US-09-263-959-1190
; Sequence 1190, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1190:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 98 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
US-09-263-959-1190
Query Match      85.3%; Score 29; DB 9; Length 98;
Best Local Similarity 85.7%; Pred. No. 56;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 TVSNRFS 7
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Db      62 TVPNRFS 68
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Search completed: March 8, 2004, 15:33:57
Job time : 4.41304 secs



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OM protein - protein search, using sw model

Run on: March 8, 2004, 15:06:59 ; Search time 10.087 Seconds
(without alignments)
334.933 Million cell updates/sec

Title: US-09-724-530-3
Perfect score: 83
Sequence: 1 RSSQSLVHSNGNTFLH 16

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Gapop 10.0 , Gapext 0.5

Searched: 809742 seqs, 211153259 residues

Total number of hits satisfying chosen parameters: 809742

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
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4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
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7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
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12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
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18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description |
|------------|-------|-------------|--------|-------|------------------|
| 1 | 80 | 96.4 | 16 | 10 | US-09-518-737-8 |
| 2 | 80 | 96.4 | 100 | 9 | US-09-840-459-27 |
| 3 | 80 | 96.4 | 112 | 10 | US-09-518-737-4 |
| 4 | 80 | 96.4 | 139 | 15 | US-10-371-797-29 |
| 5 | 77 | 92.8 | 474 | 14 | US-10-270-555-3 |
| 6 | 75 | 90.4 | 116 | 9 | US-09-753-436-66 |
| 7 | 75 | 90.4 | 116 | 14 | US-10-163-942-66 |
| 8 | 75 | 90.4 | 127 | 9 | US-09-753-436-45 |
| 9 | 75 | 90.4 | 127 | 14 | US-10-163-942-45 |
| 10 | 74 | 89.2 | 100 | 9 | US-09-840-459-25 |
| 11 | 74 | 89.2 | 131 | 14 | US-10-138-505-10 |
| 12 | 74 | 89.2 | 245 | 14 | US-10-138-505-40 |
| 13 | 74 | 89.2 | 271 | 14 | US-10-138-505-34 |
| 14 | 74 | 89.2 | 274 | 14 | US-10-138-505-32 |
| 15 | 73 | 88.0 | 112 | 9 | US-09-850-165-96 |

US-09-518-737-8
Sequence 8, Appli
Sequence 27, Appli
Sequence 4, Appli
Sequence 29, Appli
Sequence 3, Appli
Sequence 66, Appli
Sequence 45, Appli
Sequence 25, Appli
Sequence 10, Appli
Sequence 40, Appli
Sequence 34, Appli
Sequence 32, Appli
Sequence 95, Appli

US-09-840-459-27
Sequence 2, Appli
Sequence 2, Appli
Sequence 29, Appli
Sequence 32, Appli
Sequence 30, Appli
Sequence 26, Appli
Sequence 28, Appli
Sequence 10, Appli
Sequence 15, Appli
Sequence 95, Appli
Sequence 4, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 66, Appli
Sequence 68, Appli
Sequence 13, Appli
Sequence 11, Appli
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Sequence 63, Appli
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Sequence 191, Appli
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Sequence 5, Appli
Sequence 119, Appli
Sequence 9, Appli
Sequence 81, Appli
Sequence 41749, A

US-09-850-165-96
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Sequence 27, Appli
Sequence 4, Appli
Sequence 29, Appli
Sequence 3, Appli
Sequence 66, Appli
Sequence 45, Appli
Sequence 25, Appli
Sequence 10, Appli
Sequence 40, Appli
Sequence 34, Appli
Sequence 32, Appli
Sequence 95, Appli

ALIGNMENTS

RESULT 1

US-09-518-737-8
Sequence 8, Application US/09518737
Publication No. US2003008321A1
GENERAL INFORMATION:
APPLICANT: FUKUI, YASUHIRO
APPLICANT: NAGATA, SATOSHI
APPLICANT: SHIRAI, RYUICHI
APPLICANT: SAITO, NAOKI
TITLE OF INVENTION: MONOCLONAL ANTIBODY RECOGNIZING
TITLE OF INVENTION: PHOSPHATIDYLINOSITOL-3,4-DIPHOSPHATE
FILE REFERENCE: 1965/49618
CURRENT APPLICATION NUMBER: US/09/518,737
CURRENT FILING DATE: 2000-03-03
PRIOR APPLICATION NUMBER: JP 1999-250209
PRIOR FILING DATE: 1999-09-03
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 8
LENGTH: 16
TYPE: PRT
ORGANISM: Mus musculus
US-09-518-737-8

Query Match 96.4%; Score 80; DB 10; Length 16;
Best Local Similarity 93.8%; Pred. No. 1.2e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSNGNTFLH 16
DB 1 RSSQSLVHSNGNTFLH 16

RESULT 2

US-09-840-459-27
Sequence 27, Application US/09840459
Patent No. US20020150576A1
GENERAL INFORMATION:

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; APPLICANT: LaRosa, Gregory J.
; APPLICANT: Horvath, Christopher
; APPLICANT: Newman, Walter
; APPLICANT: Jones, S. Tarran
; APPLICANT: O'Brien, Siobhan H.
; APPLICANT: O'Keefe, Theresa
; TITLE OF INVENTION: HUMANIZED ANTI-CCR2 ANTIBODIES AND
; FILE REFERENCE: METHODS OF USE THEREFOR
; CURRENT APPLICATION NUMBER: US/09/840,459
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: PCT/US01/03537
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 09/497,625
; PRIOR FILING DATE: 2000-02-03
; PRIOR APPLICATION NUMBER: 09/359,193
; PRIOR FILING DATE: 1999-07-22
; PRIOR APPLICATION NUMBER: 09/121,781
; PRIOR FILING DATE: 1998-07-23
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-840-459-27

Query Match          96.4%; Score 80; DB 9; Length 100;
Best Local Similarity 93.8%; Pred. No. 9e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGNTFLH 16
Db 24 RSSQSLVHSGNGNTYLH 39

RESULT 3
US-09-518-737-4
; Sequence 4, Application US/09518737
; Publication No. US2003008321A1
; GENERAL INFORMATION:
; APPLICANT: FUKUI, YASUHIKA
; APPLICANT: NAGATA, SATOSHI
; APPLICANT: SHIRAI, RYUICHI
; APPLICANT: SAITO, NAOAKI
; TITLE OF INVENTION: MONOCLONAL ANTIBODY RECOGNIZING
; FILE REFERENCE: 1965/43618
; CURRENT APPLICATION NUMBER: US/09/518,737
; CURRENT FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: JP 1999-250209
; PRIOR FILING DATE: 1999-09-03
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-518-737-4

Query Match          96.4%; Score 80; DB 10; Length 112;
Best Local Similarity 93.8%; Pred. No. 1e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGNTFLH 16
Db 24 RSSQSLVHSGNGNTYLH 39

RESULT 4
US-10-371-797-29
; Sequence 29, Application US/10371797
; Publication No. US20040001828A1
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; GENERAL INFORMATION:
; APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
; APPLICANT: TUSCANO, Joseph
; APPLICANT: TEDDER, Thomas
; TITLE OF INVENTION: TREATMENT METHODS USING ANTI-CD22
; TITLE OF INVENTION: ANTIBODIES
; FILE REFERENCE: 39754-0951
; CURRENT APPLICATION NUMBER: US/10/371,797
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: US 60/420,472
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 60/359,419
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 139
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-371-797-29

Query Match          96.4%; Score 80; DB 15; Length 139;
Best Local Similarity 93.8%; Pred. No. 1.3e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGNTFLH 16
Db 43 RSSQSLVHSGNGNTYLH 58

RESULT 5
US-10-270-555-3
; Sequence 3, Application US/10270555
; Publication No. US20030092068A1
; GENERAL INFORMATION:
; APPLICANT: Asahi Kasei Corporation
; TITLE OF INVENTION: Agents for adsorption and cross-linkage for adenovirus
; FILE REFERENCE: PH-1648US
; CURRENT APPLICATION NUMBER: US/10/270,555
; CURRENT FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: JP 2001-317766
; PRIOR FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO 3
; LENGTH: 474
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: a fusion protein of human CAR and a single chain Fv derived from
; OTHER INFORMATION: monoclonal antibody against human CD34 with an artificial linker
US-10-270-555-3

Query Match          92.8%; Score 77; DB 14; Length 474;
Best Local Similarity 87.5%; Pred. No. 0.00016;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGNTFLH 16
Db 385 RSSQSLVHSGNGNTYLH 400

RESULT 6
US-09-753-436-66
; Sequence 66, Application US/09753436
; Patent No. US20010029293A1
; GENERAL INFORMATION:
; APPLICANT: Gallatin, W. Michael
; APPLICANT: Vazeux, Rosemay
; TITLE OF INVENTION: ICAM-Related Materials and Methods
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
```

CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/753,436
FILING DATE: 05-JUN-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/382,289
FILING DATE:
APPLICATION NUMBER: US 08/487,113
FILING DATE: 07-JUN-1995
APPLICATION DATA:
APPLICATION NUMBER: US 08/286,754
FILING DATE: 05-AUG-1994
APPLICATION DATA:
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
APPLICATION DATA:
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Joseph A., Jr.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 33282
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 66:
SEQUENCE CHARACTERISTICS:
LENGTH: 116 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-753-436-66

Query Match 90.4%; Score 75; DB 9; Length 116;
Best Local Similarity 87.5%; Pred. No. 7.2e-05;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGTFLH 16
DB 28 RSSQSLVHSGNGDTYLH 43

RESULT 7
US-10-163-942-66
Sequence 66, Application US/10163942
Publication No. US20030199423A1
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
Vazeux, Rosemay
TITLE OF INVENTION: ICAM-Related Materials and Methods
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America

CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/163,942
FILING DATE: 05-JUN-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/753,436
FILING DATE: <Unknown>
APPLICATION NUMBER: 09/382,289
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/487,113
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/286,754
FILING DATE: 05-AUG-1994
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
APPLICATION DATA:
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Joseph A., Jr.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 33282
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 66:
SEQUENCE CHARACTERISTICS:
LENGTH: 116 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 66:
US-10-163-942-66
Query Match 90.4%; Score 75; DB 14; Length 116;
Best Local Similarity 87.5%; Pred. No. 7.2e-05;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
QY 1 RSSQSLVHSGNGTFLH 16
DB 28 RSSQSLVHSGNGDTYLH 43
RESULT 8
US-09-753-436-45
Sequence 45, Application US/09753436
Patent No. US20010029293A1
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
Vazeux, Rosemay
TITLE OF INVENTION: ICAM-Related Materials and Methods
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America

ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/753,436
FILING DATE: 05-JUN-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/382,289
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/487,113
FILING DATE: 05-AUG-1994
APPLICATION NUMBER: US 08/286,754
FILING DATE: 05-AUG-1994
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
PRIOR APPLICATION DATA:
NAME: Williams, Joseph A., Jr.
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 33282
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 127 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-09-753-436-45

Query Match 90.4%; Score 75; DB 9; Length 127;
Best Local Similarity 87.5%; Pred. No. 7.9e-05;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHSGNGTFLH 16
Db 38 RSSQSLVHSGNGDTYLH 53

RESULT 9
US-10-163-942-45
Sequence 45, Application US/10163942
Publication No US20030199432A1
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
Vazeux, Rosemary
TITLE OF INVENTION: ICAM-Related Materials and Methods
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America

ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/163,942
FILING DATE: 05-JUN-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/753,436
FILING DATE: <Unknown>
APPLICATION NUMBER: 09/382,289
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/487,113
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/286,754
FILING DATE: 05-AUG-1994
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
PRIOR APPLICATION DATA:
NAME: Williams, Joseph A., Jr.
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 33282
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 127 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-10-163-942-45

Query Match 90.4%; Score 75; DB 14; Length 127;
Best Local Similarity 87.5%; Pred. No. 7.9e-05;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHSGNGTFLH 16
Db 38 RSSQSLVHSGNGDTYLH 53

RESULT 10
US-09-840-459-25
Sequence 25, Application US/09840459
Patent No. US20020150576A1
GENERAL INFORMATION:
APPLICANT: LaRosa, Gregory J.
APPLICANT: Horvath, Christopher
APPLICANT: Newman, Walter
APPLICANT: Jones, S. Tarran
APPLICANT: O'Brien, Siobhan H.
APPLICANT: O'Keefe, Theresa
TITLE OF INVENTION: HUMANIZED ANTI-CCR2 ANTIBODIES AND
METHODS OF USE THEREFOR
FILE REFERENCE: 1855.1052-012
CURRENT APPLICATION NUMBER: US/09/840,459
FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: PCT/US01/03537
PRIOR FILING DATE: 2001-02-02

; PRIOR APPLICATION NUMBER: 09/497,625
; PRIOR FILING DATE: 2000-02-03
; PRIOR APPLICATION NUMBER: 09/359,193
; PRIOR FILING DATE: 1999-07-22
; PRIOR APPLICATION NUMBER: 09/121,781
; PRIOR FILING DATE: 1998-07-23
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 25
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-840-459-25

Query Match 89.2%; Score 74; DB 9; Length 100;
Best Local Similarity 87.5%; Pred. No. 8.9e-05;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHNSNGNTFLH 16
DB 24 RSSQSLVHNSNGNTLY 39
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RESULT 11
US-10-138-505-10
; Sequence 10, Application US/10138505
; Publication No. US20030108546A1
; GENERAL INFORMATION:
; APPLICANT: FUKUSHIMA, Naoshi
; APPLICANT: UNO, Shinsuke
; APPLICANT: OH-EDA, Masayoshi
; APPLICANT: KIKUCHI, Yasufumi
; TITLE OF INVENTION: APOPTOSIS-INDUCING SINGLE-CHAIN FV
; FILE REFERENCE: 065678/0102
; CURRENT APPLICATION NUMBER: US/10/138,505
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US/09/523,095
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: JP 11-63557
; PRIOR FILING DATE: 1999-03-10
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 131
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-138-505-10

Query Match 89.2%; Score 74; DB 14; Length 131;
Best Local Similarity 87.5%; Pred. No. 0.00012;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 RSSQSLVHNSNGNTFLH 16
DB 43 RSSQSLVHNSNGNTLYH 58
|||||

RESULT 12
US-10-138-505-40
; Sequence 40, Application US/10138505
; Publication No. US20030108546A1
; GENERAL INFORMATION:
; APPLICANT: FUKUSHIMA, Naoshi
; APPLICANT: UNO, Shinsuke
; APPLICANT: OH-EDA, Masayoshi
; APPLICANT: KIKUCHI, Yasufumi
; TITLE OF INVENTION: APOPTOSIS-INDUCING SINGLE-CHAIN FV
; FILE REFERENCE: 065678/0102
; CURRENT APPLICATION NUMBER: US/10/138,505
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US/09/523,095
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: JP 11-63557

; PRIOR FILING DATE: 1999-03-10
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 40
; LENGTH: 245
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-138-505-40

Query Match 89.2%; Score 74; DB 14; Length 245;
Best Local Similarity 87.5%; Pred. No. 0.00024;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 RSSQSLVHNSNGNTFLH 16
DB 157 RSSQSLVHNSNGNTLYH 172
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RESULT 13
US-10-138-505-34
; Sequence 34, Application US/10138505
; Publication No. US20030108546A1
; GENERAL INFORMATION:
; APPLICANT: FUKUSHIMA, Naoshi
; APPLICANT: UNO, Shinsuke
; APPLICANT: OH-EDA, Masayoshi
; APPLICANT: KIKUCHI, Yasufumi
; TITLE OF INVENTION: APOPTOSIS-INDUCING SINGLE-CHAIN FV
; FILE REFERENCE: 065678/0102
; CURRENT APPLICATION NUMBER: US/10/138,505
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US/09/523,095
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: JP 11-63557
; PRIOR FILING DATE: 1999-03-10
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 271
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-138-505-34

Query Match 89.2%; Score 74; DB 14; Length 271;
Best Local Similarity 87.5%; Pred. No. 0.00027;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 RSSQSLVHNSNGNTFLH 16
DB 175 RSSQSLVHNSNGNTLYH 190
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RESULT 14
US-10-138-505-32
; Sequence 32, Application US/10138505
; Publication No. US20030108546A1
; GENERAL INFORMATION:
; APPLICANT: FUKUSHIMA, Naoshi
; APPLICANT: UNO, Shinsuke
; APPLICANT: OH-EDA, Masayoshi
; APPLICANT: KIKUCHI, Yasufumi
; TITLE OF INVENTION: APOPTOSIS-INDUCING SINGLE-CHAIN FV
; FILE REFERENCE: 065678/0102
; CURRENT APPLICATION NUMBER: US/10/138,505
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US/09/523,095
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: JP 11-63557
; PRIOR FILING DATE: 1999-03-10
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 274

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; TYPE: PRT
; ORGANISM: Mus sp.
US-10-138-505-32

Query Match      89.2%; Score 74; DB 14; Length 274;
Best Local Similarity 87.5%; Pred. No. 0.00027;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      1 RSSQSLVHSGNGNTFLH 16
DB      178 RSSQSLVHSGNGNTYLN 193

RESULT 15
US-09-850-165-96
; Sequence 96, Application US/09850165
; Patent No. US20020150580A1
; GENERAL INFORMATION:
; APPLICANT: NEWMAN, ROLAND A.
; APPLICANT: HANNA, NABIL
; APPLICANT: RAAB, RONALD W.
; TITLE OF INVENTION: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY
; FILE REFERENCE: 037003-0280614
; CURRENT APPLICATION NUMBER: US/09/850,165
; CURRENT FILING DATE: 2001-05-08
; PRIOR APPLICATION NUMBER: 09/082,472
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: 08/476,237
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 08/397,072
; PRIOR FILING DATE: 1995-04-17
; PRIOR APPLICATION NUMBER: 07/912,292
; PRIOR FILING DATE: 1992-07-10
; PRIOR APPLICATION NUMBER: 07/856,281
; PRIOR FILING DATE: 1992-03-23
; PRIOR APPLICATION NUMBER: 07/735,064
; PRIOR FILING DATE: 1991-07-25
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 96
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (44)
; OTHER INFORMATION: Arg or Lys
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (109)
; OTHER INFORMATION: Val, Leu or Asn
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (112)
; OTHER INFORMATION: Arg or Lys
US-09-850-165-96

Query Match      88.0%; Score 73; DB 9; Length 112;
Best Local Similarity 87.5%; Pred. No. 0.00015;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 RSSQSLVHSGNGNTFLH 16
DB      24 RSSQSLVHSGNGNTYLN 39

Search completed: March 8, 2004, 15:33:57
Job time : 10.087 secs
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100 100 0 00.11.20 2004

GenCore version 5.1.6
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DM protein - protein search, using sw model

Run on: March 8, 2004, 15:06:59 ; Search time 70.6087 Seconds

(without alignments)

334.933 Million cell updates/sec

Title: US-09-724-530-2

Perfect score: 587

Sequence: 1 DVVVTQPLSLPVSGLGQAAS.....CSQTHVPWFVGGTKLEIQ 112

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 809742 seqs, 211153259 residues

Total number of hits satisfying chosen parameters: 809742

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/ptodata/2/pubpa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/2/pubpa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/2/pubpa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/2/pubpa/US06_PUBCOMB.pep.*
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- 8: /cgn2_6/ptodata/2/pubpa/US08_PUBCOMB.pep.*
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- 11: /cgn2_6/ptodata/2/pubpa/US09C_PUBCOMB.pep.*
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- 13: /cgn2_6/ptodata/2/pubpa/US10A_PUBCOMB.pep.*
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- 18: /cgn2_6/ptodata/2/pubpa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description |
|------------|-------|-------------|--------|-------|------------------|
| 1 | 552 | 94.0 | 139 | 15 | US-10-371-797-29 |
| 2 | 541 | 92.2 | 112 | 10 | US-09-518-737-4 |
| 3 | 534 | 91.0 | 252 | 9 | US-09-887-853-4 |
| 4 | 532 | 90.6 | 112 | 10 | US-09-595-529-10 |
| 5 | 527 | 89.8 | 131 | 14 | US-10-138-505-6 |
| 6 | 527 | 89.8 | 131 | 14 | US-10-138-505-10 |
| 7 | 527 | 89.8 | 245 | 14 | US-10-138-505-40 |
| 8 | 527 | 89.8 | 271 | 14 | US-10-138-505-30 |
| 9 | 527 | 89.8 | 271 | 14 | US-10-138-505-34 |
| 10 | 527 | 89.8 | 274 | 14 | US-10-138-505-26 |
| 11 | 527 | 89.8 | 274 | 14 | US-10-138-505-32 |
| 12 | 527 | 89.8 | 285 | 9 | US-09-883-758-4 |
| 13 | 526.5 | 89.7 | 127 | 9 | US-09-753-436-45 |
| 14 | 526.5 | 89.7 | 127 | 14 | US-10-163-942-45 |
| 15 | 526 | 89.6 | 149 | 9 | US-09-930-205-2 |

Sequence 66, Appli
Sequence 2, Appli
Sequence 15, Appli
Sequence 35, Appli
Sequence 42, Appli
Sequence 3, Appli
Sequence 11, Appli
Sequence 66, Appli
Sequence 27, Appli
Sequence 17, App
Sequence 181, App
Sequence 45, Appli
Sequence 14, Appli
Sequence 179, App
Sequence 2, Appli
Sequence 27, Appli
Sequence 182, App
Sequence 2, Appli
Sequence 16, Appli
Sequence 64, Appli
Sequence 4, Appli
Sequence 119, App
Sequence 95, Appli
Sequence 180, App
Sequence 25, Appli
Sequence 6, Appli
Sequence 5, Appli
Sequence 12, Appli

ALIGNMENTS

RESULT 1

US-10-371-797-29
; Sequence 29 Application US/10371797
; Publication No. US20040001828A1
; GENERAL INFORMATION:
; APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
; APPLICANT: TUSCANO, Joseph
; APPLICANT: TEDDER, Thomas
; TITLE OF INVENTION: TREATMENT METHODS USING ANTI-CD22
; TITLE OF INVENTION: ANTIBODIES
; FILE REFERENCE: 39754-0351
; CURRENT APPLICATION NUMBER: US/10/371,797
; CURRENT FILING DATE: 2003-02-21
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 60/420,472
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 60/359,419
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 139
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-371-797-29

Query Match 94.0%; Score 552; DB 15; Length 139;
Best Local Similarity 93.8%; Pred. No. 7.4e-48;
Matches 105; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
QY 1 DVVVTQPLSLPVSGLGQAASISCRSSQSLVHNSGNTFLHWYLPQSPKLLITYVSNRF 60
Db 20 DVVVTQPLSLPVSGLGQAASISCRSSQSLVHNSGNTFLHWYLPQSPKLLITYVSNRF 79
QY 61 SGVDFRSGSGGTDFTLKISRVEADLGVYFCSQTHVPWFVGGTKLEIQ 112
Db 80 SGVDFRSGSGGTDFTLKISRVEADLGVYFCSQTHVPWFVGGTKLEIK 131

RESULT 2
US-09-518-737-4
; Sequence 4, Application US/09518737
; Publication No. US20030008321A1
; GENERAL INFORMATION:
; APPLICANT: FUKUI, YASUHIRO
; APPLICANT: NAGATA, SATOSHI
; APPLICANT: SHIRAI, RYUICHI
; APPLICANT: SAITO, NAOKI
; TITLE OF INVENTION: MONOCLONAL ANTIBODY RECOGNIZING
; FILE REFERENCE: 1965/49618
; CURRENT APPLICATION NUMBER: US/09/518,737
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: JP 1999-250209
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 4
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-518-737-4

Query Match 92.2%; Score 541; DB 10; Length 112;
Best Local Similarity 92.0%; Pred. No. 7.4e-47;
Matches 103; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLPVSLSGAGQASISCRSSQSLVHNSGNTFLHWYLOKFGQSPKLLIYTVSNRF 60
DB 1 DVVVTQPLSLPVSLSGAGQASISCRSSQSLVHNSGNTFLHWYLOKFGQSPKLLIYTVSNRF 60

QY 61 SGVDPDRFSGSGGTDFTLKISRVEADLGVYFCSTHVPWTFGGGTKLEIQ 112
DB 61 SGVDPDRFSGSGGTDFTLKISRVEADLGVYFCSTHVPWTFGGGTKLEIK 112

RESULT 3
US-09-887-853-4
; Sequence 4, Application US/09887853
; Patent No. US20020169375A1
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Ring, David B.
; APPLICANT: Houston, L. L.
; TITLE OF INVENTION: Biosynthetic Binding Proteins For
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Teasta, Hurwitz & Thibeault/Patent Department
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/887,853
; FILING DATE: 21-Jun-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/133,804
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Kelley, Robin D.
; REGISTRATION NUMBER: 34,637
; REFERENCE/DOCKET NUMBER: 2054/22
; TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-248-7477
TELEFAX: 617-248-7100
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-887-853-4

Query Match 91.0%; Score 534; DB 9; Length 252;
Best Local Similarity 92.0%; Pred. No. 9.3e-46;
Matches 103; Conservative 5; Mismatches 4; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLPVSLSGAGQASISCRSSQSLVHNSGNTFLHWYLOKFGQSPKLLIYTVSNRF 60
DB 134 DVVVTQPLSLPVSLSGAGQASISCRSSQSLVHNSGNTFLHWYLOKFGQSPKLLIYTVSNRF 193

QY 61 SGVDPDRFSGSGGTDFTLKISRVEADLGVYFCSTHVPWTFGGGTKLEIQ 112
DB 194 SGVDPDRFSGSGGTDFTLKISRVEADLGVYFCSTHVPWTFGGGTKLEIK 245

RESULT 4
US-09-995-529-10
; Sequence 10, Application US/09995529
; Publication No. US20030039655A1
; GENERAL INFORMATION:
; APPLICANT: Watkins, Jeffrey D.
; APPLICANT: Huse, William D.
; APPLICANT: Tang, Ying
; TITLE OF INVENTION: Humanized Collagen Antibodies and
; TITLE OF INVENTION: Related Methods
; FILE REFERENCE: P-IX 4976
; CURRENT APPLICATION NUMBER: US/09/995,529
; CURRENT FILING DATE: 2001-11-26
; NUMBER OF SEQ ID NOS: 358
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-995-529-10

Query Match 90.6%; Score 532; DB 10; Length 112;
Best Local Similarity 89.3%; Pred. No. 5.9e-46;
Matches 100; Conservative 7; Mismatches 5; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLPVSLSGAGQASISCRSSQSLVHNSGNTFLHWYLOKFGQSPKLLIYTVSNRF 60
DB 1 DVVVTQPLSLPVSLSGAGQASISCRSSQSLVHNSGNTFLHWYLOKFGQSPKLLIYTVSNRF 60

QY 61 SGVDPDRFSGSGGTDFTLKISRVEADLGVYFCSTHVPWTFGGGTKLEIQ 112
DB 61 SGVDPDRFSGSGGTDFTLKISRVEADLGVYFCSTHVPWTFGGGTKLEIK 112

RESULT 5
US-10-138-505-6
; Sequence 6, Application US/10138505
; Publication No. US20030108546A1
; GENERAL INFORMATION:
; APPLICANT: FURUSHIMA, Naoshi
; APPLICANT: UNO, Shinsuke
; APPLICANT: OH-EDA, Masayoshi
; APPLICANT: KIKUCHI, Yasufumi
; TITLE OF INVENTION: APOPTOSIS-INDUCING SINGLE-CHAIN FV
; FILE REFERENCE: 065678/0102
; CURRENT APPLICATION NUMBER: US/10/138,505
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US/09/523,095
; PRIOR FILING DATE: 2000-03-10

; PRIOR APPLICATION NUMBER: JP 11-63557
; PRIOR FILING DATE: 1999-03-10
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 6
; LENGTH: 131
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-138-505-6

Query Match 89.8%; Score 527; DB 14; Length 131;
Best Local Similarity 90.2%; Pred. No. 2.3e-45;
Matches 101; Conservative 6; Mismatches 5; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSILGQAASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
DB 20 DVVMTQTPLSLPVSILGDAQASISCRSSQSLHSGKNTYLOWYLOKPGQSPKLLIYKVS NRF 79
QY 61 SGVPDRFSGSGGTDTFLTKISRVEAEDLGVYFCSTHVPWTFGGGKLEIQ 112
DB 80 SGVPDRFSGSGGTDTFLTKISRVEAEDLGVYFCSTHVPYTSGGGKLEIK 131

RESULT 6

US-10-138-505-10
; Sequence 10, Application US/10138505
; Publication No. US20030108546A1
; GENERAL INFORMATION:
; APPLICANT: FUKUSHIMA, Naoshi
; APPLICANT: UNO, Shinsuke
; APPLICANT: OH-EDA, Masayoshi
; APPLICANT: KIKUCHI, Yasufumi
; TITLE OF INVENTION: APOPTOSIS-INDUCING SINGLE-CHAIN FV
; FILE REFERENCE: 065678/0102
; CURRENT APPLICATION NUMBER: US/10/138,505
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US/09/523,095
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: JP 11-63557
; PRIOR FILING DATE: 1999-03-10
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 10
; LENGTH: 131
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-138-505-10

Query Match 89.8%; Score 527; DB 14; Length 131;
Best Local Similarity 90.2%; Pred. No. 2.3e-45;
Matches 101; Conservative 6; Mismatches 5; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSILGQAASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
DB 20 DVVMTQTPLSLPVSILGDAQASISCRSSQSLVHSGKNTYLOWYLOKPGQSPKLLIYKVS NRF 79
QY 61 SGVPDRFSGSGGTDTFLTKISRVEAEDLGVYFCSTHVPWTFGGGKLEIQ 112
DB 80 SGVPDRFSGSGGTDTFLTKISRVEAEDLGVYFCSTHVPYTSGGGKLEIK 131

RESULT 7

US-10-138-505-40
; Sequence 40, Application US/10138505
; Publication No. US20030108546A1
; GENERAL INFORMATION:
; APPLICANT: FUKUSHIMA, Naoshi
; APPLICANT: UNO, Shinsuke
; APPLICANT: OH-EDA, Masayoshi
; APPLICANT: KIKUCHI, Yasufumi
; TITLE OF INVENTION: APOPTOSIS-INDUCING SINGLE-CHAIN FV
; FILE REFERENCE: 065678/0102
; CURRENT APPLICATION NUMBER: US/10/138,505

; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US/09/523,095
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: JP 11-63557
; PRIOR FILING DATE: 1999-03-10
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 40
; LENGTH: 245
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-138-505-40

Query Match 89.8%; Score 527; DB 14; Length 245;
Best Local Similarity 90.2%; Pred. No. 4.5e-45;
Matches 101; Conservative 6; Mismatches 5; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSILGQAASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
DB 134 DVVMTQTPLSLPVSILGDAQASISCRSSQSLVHSGKNTYLOWYLOKPGQSPKLLIYKVS NRF 193
QY 61 SGVPDRFSGSGGTDTFLTKISRVEAEDLGVYFCSTHVPWTFGGGKLEIQ 112
DB 194 SGVPDRFSGSGGTDTFLTKISRVEAEDLGVYFCSTHVPYTSGGGKLEIK 245

RESULT 8

US-10-138-505-30
; Sequence 30, Application US/10138505
; Publication No. US20030108546A1
; GENERAL INFORMATION:
; APPLICANT: FUKUSHIMA, Naoshi
; APPLICANT: UNO, Shinsuke
; APPLICANT: OH-EDA, Masayoshi
; APPLICANT: KIKUCHI, Yasufumi
; TITLE OF INVENTION: APOPTOSIS-INDUCING SINGLE-CHAIN FV
; FILE REFERENCE: 065678/0102
; CURRENT APPLICATION NUMBER: US/10/138,505
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US/09/523,095
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: JP 11-63557
; PRIOR FILING DATE: 1999-03-10
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 30
; LENGTH: 271
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-138-505-30

Query Match 89.8%; Score 527; DB 14; Length 271;
Best Local Similarity 90.2%; Pred. No. 5.1e-45;
Matches 101; Conservative 6; Mismatches 5; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSILGQAASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
DB 152 DVVMTQTPLSLPVSILGDAQASISCRSSQSLHSGKNTYLOWYLOKPGQSPKLLIYKVS NRF 211
QY 61 SGVPDRFSGSGGTDTFLTKISRVEAEDLGVYFCSTHVPWTFGGGKLEIQ 112
DB 212 SGVPDRFSGSGGTDTFLTKISRVEAEDLGVYFCSTHVPYTSGGGKLEIK 263

RESULT 9

US-10-138-505-34
; Sequence 34, Application US/10138505
; Publication No. US20030108546A1
; GENERAL INFORMATION:
; APPLICANT: FUKUSHIMA, Naoshi
; APPLICANT: UNO, Shinsuke
; APPLICANT: OH-EDA, Masayoshi
; APPLICANT: KIKUCHI, Yasufumi
; TITLE OF INVENTION: APOPTOSIS-INDUCING SINGLE-CHAIN FV
; FILE REFERENCE: 065678/0102
; CURRENT APPLICATION NUMBER: US/10/138,505

; TITLE OF INVENTION: APOPTOSIS-INDUCING SINGLE-CHAIN FV
; FILE REFERENCE: 065678/0102
; CURRENT APPLICATION NUMBER: US/10/138,505
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US/09/523,095
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: JP 11-63557
; PRIOR FILING DATE: 1999-03-10
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 34
; LENGTH: 271
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-138-505-34

Query Match 89.8%; Score 527; DB 14; Length 271;
Best Local Similarity 90.2%; Pred. No. 5.1e-45;
Matches 101; Conservative 6; Mismatches 5; Indels 0; Gaps 0;
QY 1 DVVVTQPLSLPVSIGAGASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
Db 152 DVVMTQSLPVSIGDQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYKVSNEF 211
QY 61 SGVPRFSGSGGTDFTLKISRVEAEDLVGYFCSTHVPWTFGGGKLEIQ 112
Db 212 SGVPRFSGSGVTDFTLISRVEAEDLVGYFCSTHVPWTFGGGKLEIK 263

RESULT 10
US-10-138-505-26
; Sequence 26, Application US/10138505
; Publication No. US20030108546A1
; GENERAL INFORMATION:
; APPLICANT: FUKUSHIMA, Naoshi
; APPLICANT: UNO, Shinsuke
; APPLICANT: OH-EDA, Masayoshi
; APPLICANT: KIKUCHI, Yasufumi
; TITLE OF INVENTION: APOPTOSIS-INDUCING SINGLE-CHAIN FV
; FILE REFERENCE: 065678/0102
; CURRENT APPLICATION NUMBER: US/10/138,505
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US/09/523,095
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: JP 11-63557
; PRIOR FILING DATE: 1999-03-10
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 26
; LENGTH: 274
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-138-505-26

Query Match 89.8%; Score 527; DB 14; Length 274;
Best Local Similarity 90.2%; Pred. No. 5.1e-45;
Matches 101; Conservative 6; Mismatches 5; Indels 0; Gaps 0;
QY 1 DVVVTQPLSLPVSIGAGASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
Db 155 DVVMTQPLSLPVSIGDQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYKVSNEF 214
QY 61 SGVPRFSGSGGTDFTLKISRVEAEDLVGYFCSTHVPWTFGGGKLEIQ 112
Db 215 SGVPRFSGSGVTDFTLISRVEAEDLVGYFCSTHVPWTFGGGKLEIK 266

RESULT 11
US-10-138-505-32
; Sequence 32, Application US/10138505
; Publication No. US20030108546A1
; GENERAL INFORMATION:
; APPLICANT: FUKUSHIMA, Naoshi

; APPLICANT: UNO, Shinsuke
; APPLICANT: OH-EDA, Masayoshi
; APPLICANT: KIKUCHI, Yasufumi
; TITLE OF INVENTION: APOPTOSIS-INDUCING SINGLE-CHAIN FV
; FILE REFERENCE: 065678/0102
; CURRENT APPLICATION NUMBER: US/10/138,505
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US/09/523,095
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: JP 11-63557
; PRIOR FILING DATE: 1999-03-10
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 32
; LENGTH: 274
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-138-505-32

Query Match 89.8%; Score 527; DB 14; Length 274;
Best Local Similarity 90.2%; Pred. No. 5.1e-45;
Matches 101; Conservative 6; Mismatches 5; Indels 0; Gaps 0;
QY 1 DVVVTQPLSLPVSIGAGASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
Db 155 DVVMTQPLSLPVSIGDQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYKVSNEF 214
QY 61 SGVPRFSGSGGTDFTLKISRVEAEDLVGYFCSTHVPWTFGGGKLEIQ 112
Db 215 SGVPRFSGSGVTDFTLISRVEAEDLVGYFCSTHVPWTFGGGKLEIK 266

RESULT 12
US-09-883-758-4
; Sequence 4, Application US/09883758
; Patent No. US20020058804A1
; GENERAL INFORMATION:
; APPLICANT: Barbas III, Carlos F.
; APPLICANT: Shabat, Doron
; APPLICANT: Rader, Christoph
; APPLICANT: List, Benjamin
; APPLICANT: Lerner, Richard A.
; TITLE OF INVENTION: PRODRUG ACTIVATION USING CATALYTIC ANTIBODIES
; FILE REFERENCE: PLF00115
; CURRENT APPLICATION NUMBER: US/09/883,758
; CURRENT FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US/09/318,661
; PRIOR FILING DATE: 1999-05-25
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 4
; LENGTH: 285
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleotide
; OTHER INFORMATION: residue sequence of catalytic fragment
US-09-883-758-4

Query Match 89.8%; Score 527; DB 9; Length 285;
Best Local Similarity 91.1%; Pred. No. 5.4e-45;
Matches 102; Conservative 5; Mismatches 5; Indels 0; Gaps 0;
QY 1 DVVVTQPLSLPVSIGAGASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
Db 23 DVVMTQPLSLPVSIGDQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYKVSNEF 82
QY 61 SGVPRFSGSGGTDFTLKISRVEAEDLVGYFCSTHVPWTFGGGKLEIQ 112
Db 83 SGVPRFSGSGGTDFTLKISRVEAEDLVGYFCSTHVPWTFGGGKLEIK 134

RESULT 13

Db 75 SGVPDRFGSGSGTDFTLKLSRVEADLGVYFCQSOTHTVPTFGGKLEIK 127

RESULT 14

US-10-163-942-45

Sequence 45, Application US/10163942

Publication No. US20030199423A1

GENERAL INFORMATION:

APPLICANT: Gallatin, W. Michael

TITLE OF INVENTION: ICAM-Related Materials and Methods

NUMBER OF SEQUENCES: 120

CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

STREET: 6300 Sears Tower, 233 South Wacker Drive

CITY: Chicago

STATE: Illinois

COUNTRY: United States of America

ZIP: 60606-6402

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/163,942

FILING DATE: 05-JUN-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/753,436

FILING DATE: <Unknown>

APPLICATION NUMBER: 09/382,289

FILING DATE: <Unknown>

APPLICATION NUMBER: US 08/487,113

FILING DATE: 07-JUN-1995

APPLICATION NUMBER: US 08/286,754

FILING DATE: 05-AUG-1994

APPLICATION NUMBER: US 08/102,852

FILING DATE: 05-AUG-1993

APPLICATION NUMBER: US 08/009,266

FILING DATE: 22-JAN-1992

APPLICATION NUMBER: US 07/894,061

FILING DATE: 05-JUN-1992

APPLICATION NUMBER: US 07/889,724

FILING DATE: 26-MAY-1992

APPLICATION NUMBER: US 07/827,689

FILING DATE: 27-JAN-1992

ATTORNEY/AGENT INFORMATION:

NAME: Williams, Joseph A., Jr.

REGISTRATION NUMBER: 38,659

REFERENCE/DOCKET NUMBER: 33282

TELECOMMUNICATION INFORMATION:

TELEPHONE: (312) 474-6300

TELEFAX: (312) 474-0448

TELEX: 25-3856

INFORMATION FOR SEQ ID NO: 45:

SEQUENCE CHARACTERISTICS:

LENGTH: 127 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 45:

US-10-163-942-45

Query Match 89.7%; Score 526.5; DB 14; Length 127;

Best Local Similarity 89.4%; Pred. No. 2.4e-45;

Matches 101; Conservative 8; Mismatches 3; Indels 1; Gaps 1;

QY 1 DVVVTQTPLSLPVSLGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGQSPKLLIYTVSNRF 60

Db 15 DAVMTQTPLSLPVSLGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGQSPKLLIYTVSNRF 74

QY 61 SGVPDRF-SGSGSGTDFTLKLSRVEADLGVYFCQSOTHTVPTFGGKLEIQ 112

US-09-753-436-45

Sequence 45, Application US/09753436

Patent No. US20010029293A1

GENERAL INFORMATION:

APPLICANT: Gallatin, W. Michael

TITLE OF INVENTION: ICAM-Related Materials and Methods

NUMBER OF SEQUENCES: 120

CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

STREET: 6300 Sears Tower, 233 South Wacker Drive

CITY: Chicago

STATE: Illinois

COUNTRY: United States of America

ZIP: 60606-6402

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/753,436

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/382,289

FILING DATE:

APPLICATION NUMBER: US 08/487,113

FILING DATE: 07-JUN-1995

APPLICATION NUMBER: US 08/286,754

FILING DATE: 05-AUG-1994

APPLICATION NUMBER: US 08/102,852

FILING DATE: 05-AUG-1993

APPLICATION NUMBER: US 08/009,266

FILING DATE: 22-JAN-1992

APPLICATION NUMBER: US 07/894,061

FILING DATE: 05-JUN-1992

APPLICATION NUMBER: US 07/889,724

FILING DATE: 26-MAY-1992

APPLICATION NUMBER: US 07/827,689

FILING DATE: 27-JAN-1992

ATTORNEY/AGENT INFORMATION:

NAME: Williams, Joseph A., Jr.

REGISTRATION NUMBER: 38,659

REFERENCE/DOCKET NUMBER: 33282

TELECOMMUNICATION INFORMATION:

TELEPHONE: (312) 474-6300

TELEFAX: (312) 474-0448

TELEX: 25-3856

INFORMATION FOR SEQ ID NO: 45:

SEQUENCE CHARACTERISTICS:

LENGTH: 127 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-753-436-45

Query Match 89.7%; Score 526.5; DB 9; Length 127;

Best Local Similarity 89.4%; Pred. No. 2.4e-45;

Matches 101; Conservative 8; Mismatches 3; Indels 1; Gaps 1;

QY 1 DVVVTQTPLSLPVSLGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGQSPKLLIYTVSNRF 60

Db 15 DAVMTQTPLSLPVSLGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGQSPKLLIYTVSNRF 74

QY 61 SGVPDRF-SGSGSGTDFTLKLSRVEADLGVYFCQSOTHTVPTFGGKLEIQ 112

Db 75 SGVPRFGSGSGTDFTLKLSRVEADLGVIYFCSTHVPYTFGGTKLEIK 127

RESULT 15

US-09-990-205-2

Sequence 2, Application US/09990205

Patent No. US20020150572A1

GENERAL INFORMATION:

APPLICANT: FOON, Kenneth A.

APPLICANT: CHATTERJEE, Malaya

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE TREATMENT OF PSORIASIS

FILE REFERENCE: 304142000501

CURRENT APPLICATION NUMBER: US/09/990,205

CURRENT FILING DATE: 2001-11-20

PRIOR APPLICATION NUMBER: U.S. 09/192,838

PRIOR FILING DATE: 1998-11-16

PRIOR APPLICATION NUMBER: U.S. 60/065,774

PRIOR FILING DATE: 1997-11-17

NUMBER OF SEQ ID NOS: 5

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 2

LENGTH: 149

TYPE: PRT

ORGANISM: Mus Musculus

US-09-990-205-2

Query Match 89.6%; Score 526; DB 9; Length 149;

Best Local Similarity 88.4%; Pred. No. 3.3e-45;

Matches 99; Conservative 7; Mismatches 6; Indels 0; Gaps 0;

QY 1 DVVVTQTLPLPSVLGAQASISCRSSQSLVHSGNGTFLHWYLOKFGOSPKLLIYTVSNRF 60

Db 20 DVLMTQTLPLPSVLGDQASISCRSSQSLVHSGNGTYLEWYLOKFGQSPNLLIYFVSNRF 79

QY 61 SGVPRFGSGSGTDFTLKLSRVEADLGVIYFCSTHVPYTFGGTKLEIQ 112

Db 80 SGVPRFGSGSGTDFTLKLSRVEADLGVIYFCQSHVPYTFGGTKLEIK 131

Search completed: March 8, 2004, 15:33:57

Job time : 70.6087 secs